

APPROVED
BY OIPE JC132
CLASS CLASS
FEB 27 2003
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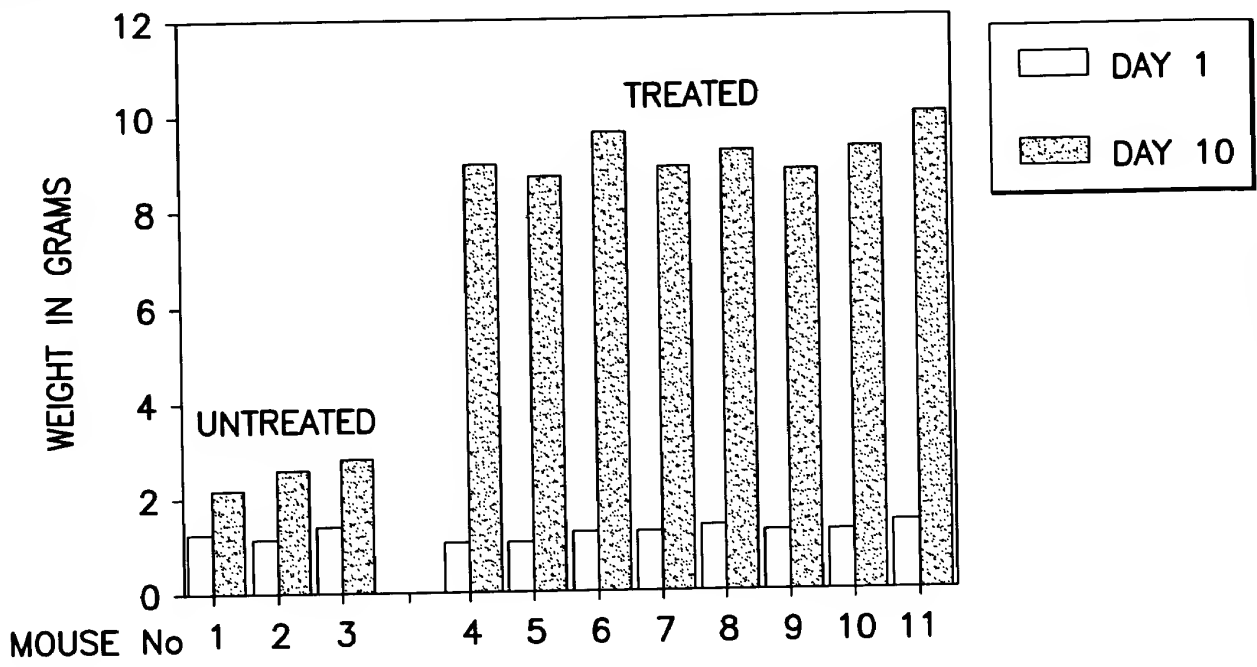


FIG.1A

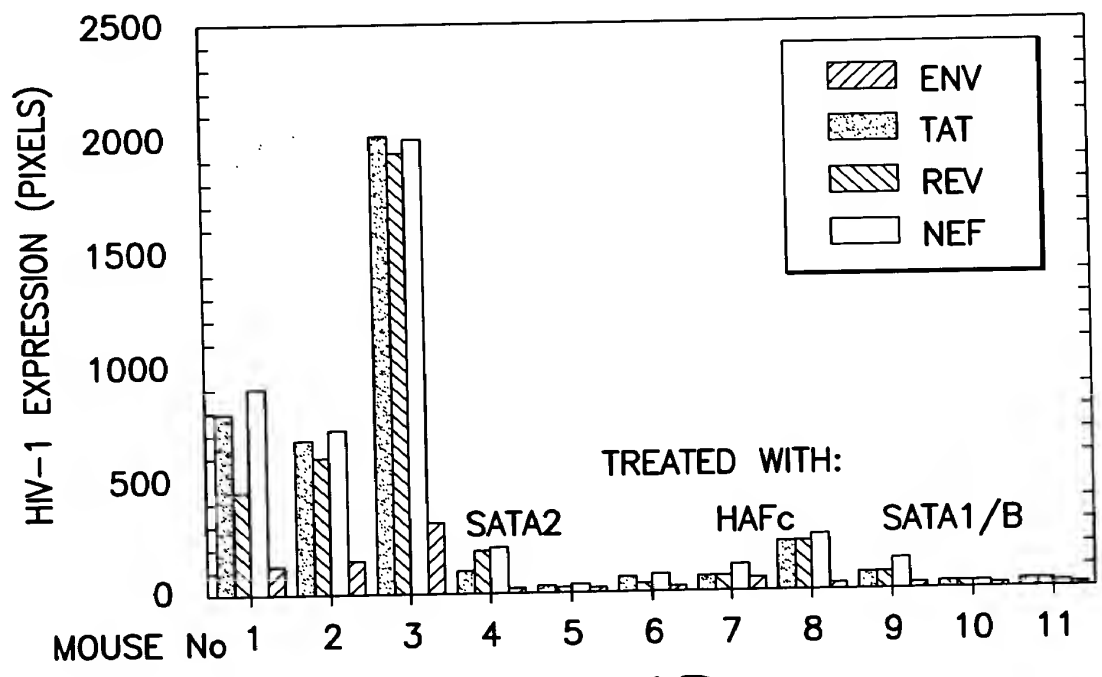


FIG.1B

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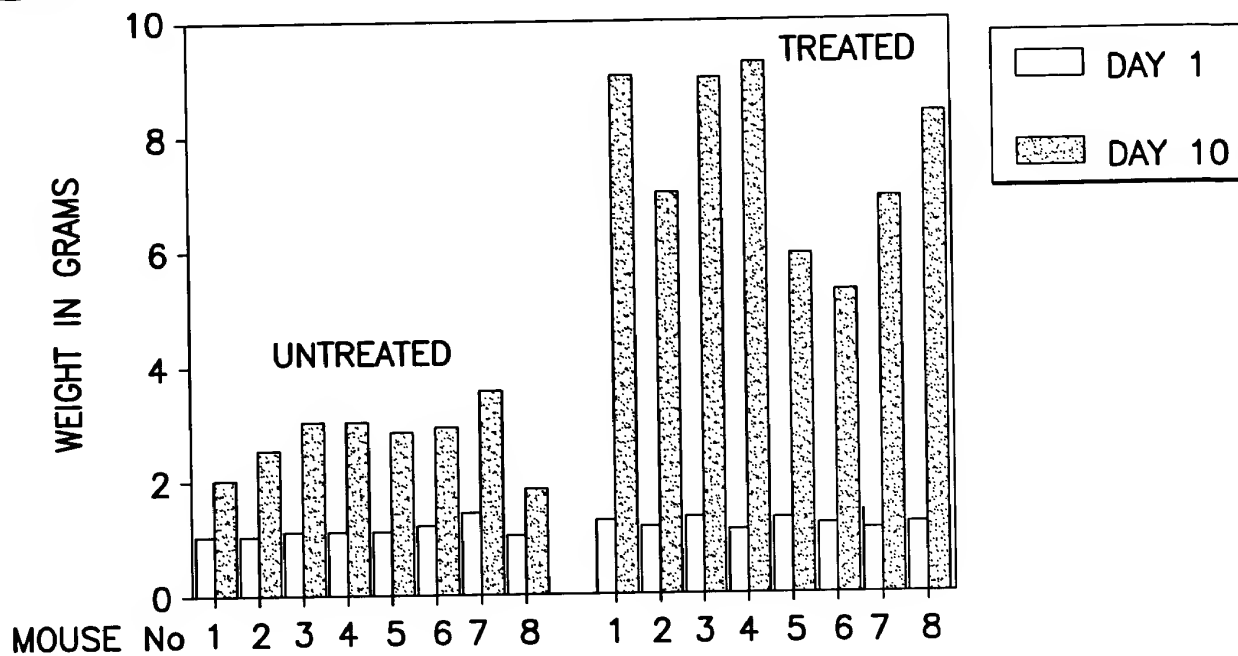


FIG. 1C

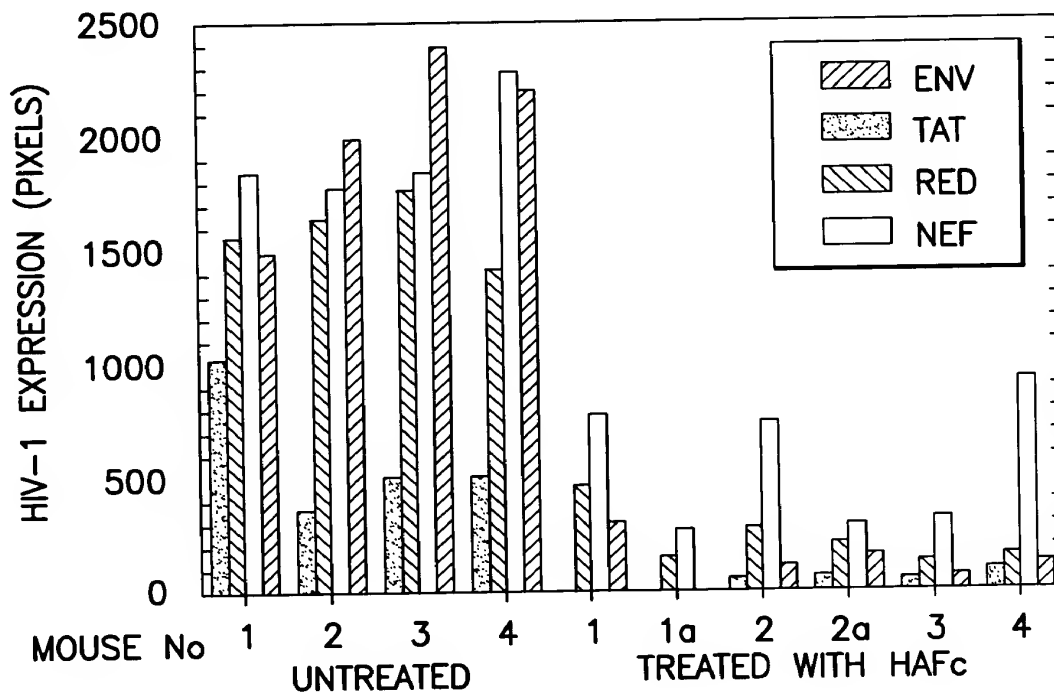


FIG. 1D

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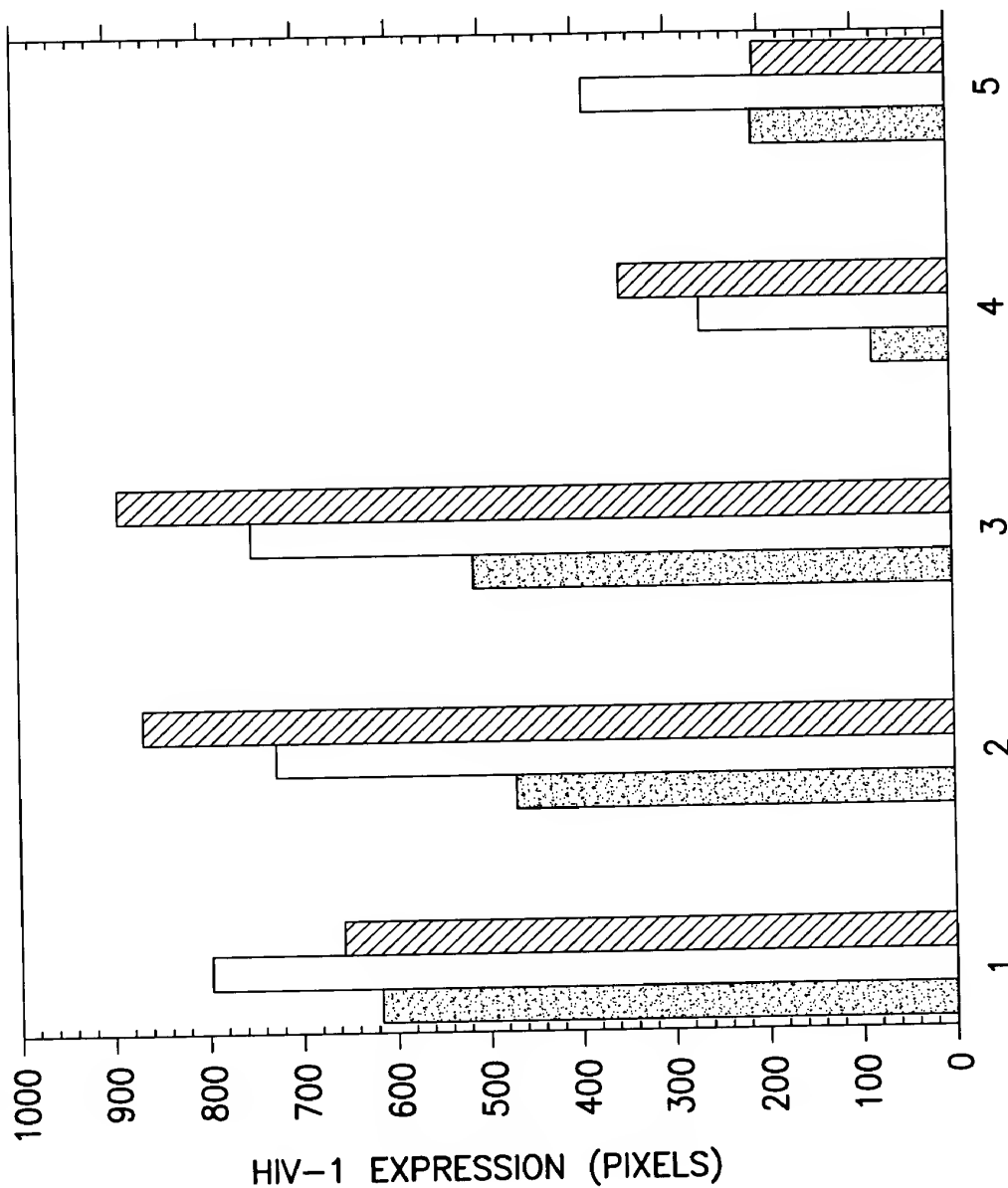
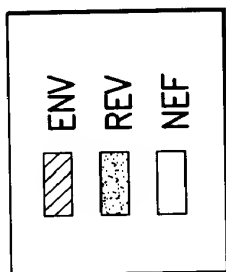


FIG.1E

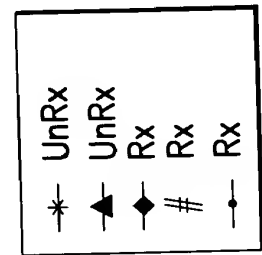
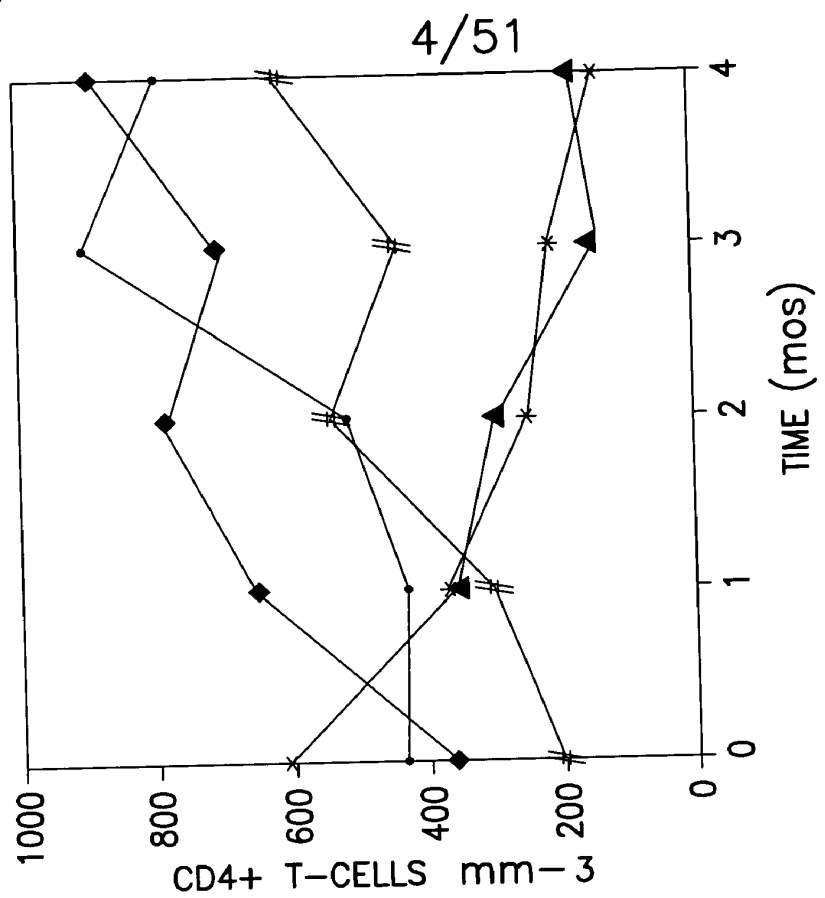


FIG. 2B

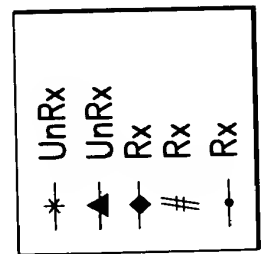
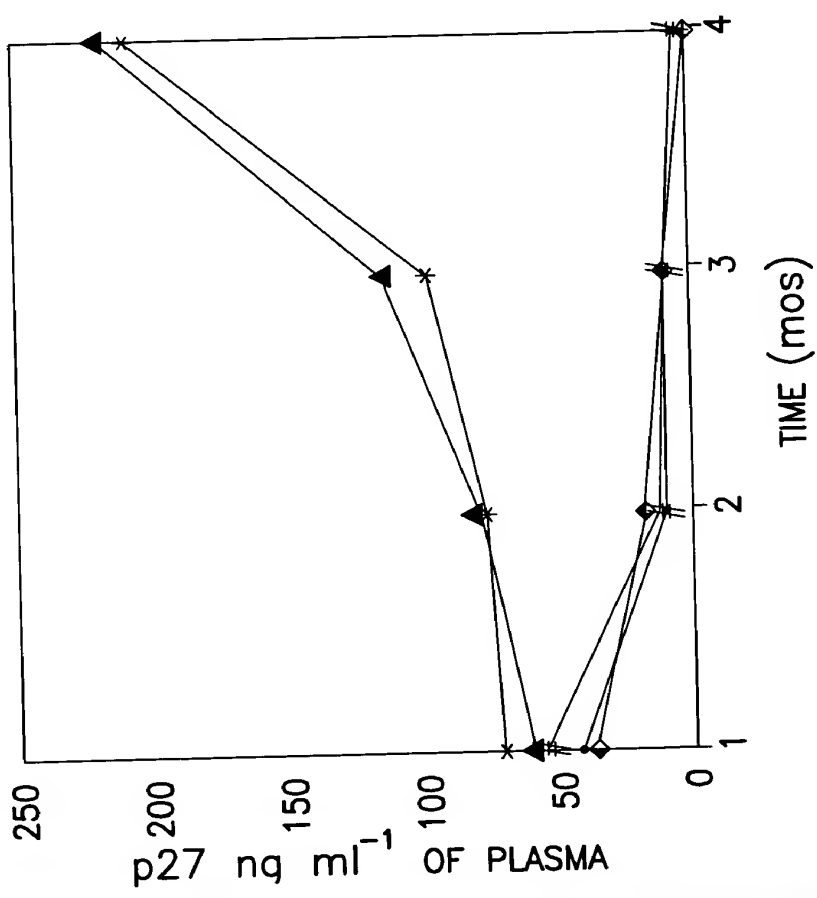


FIG. 2A

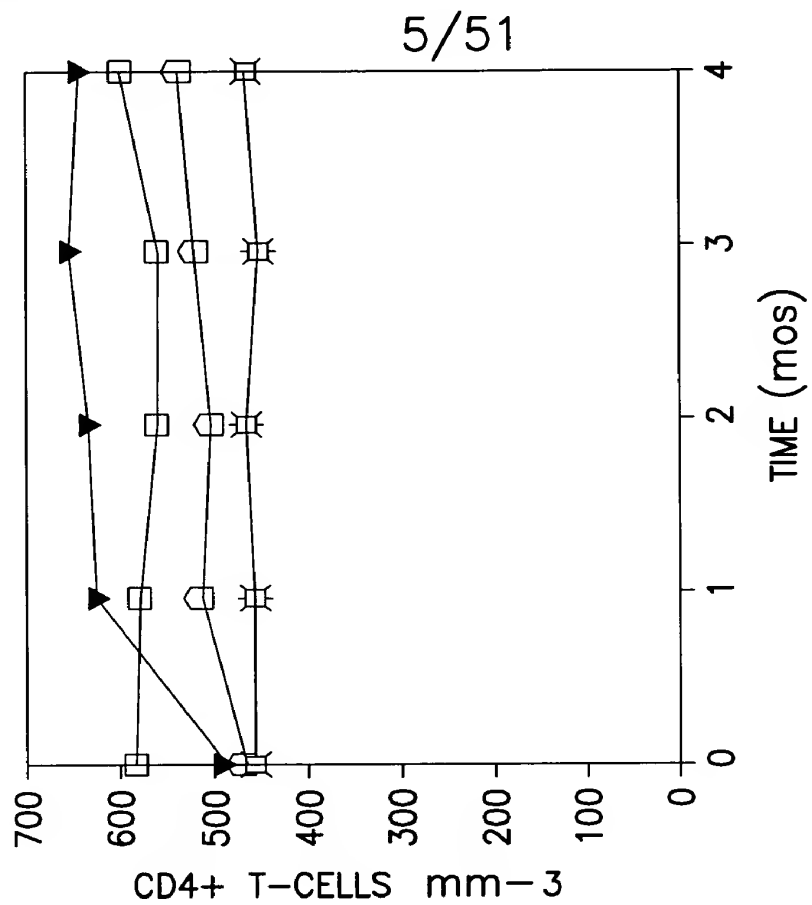


FIG.2D

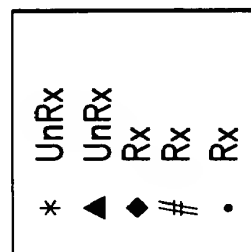
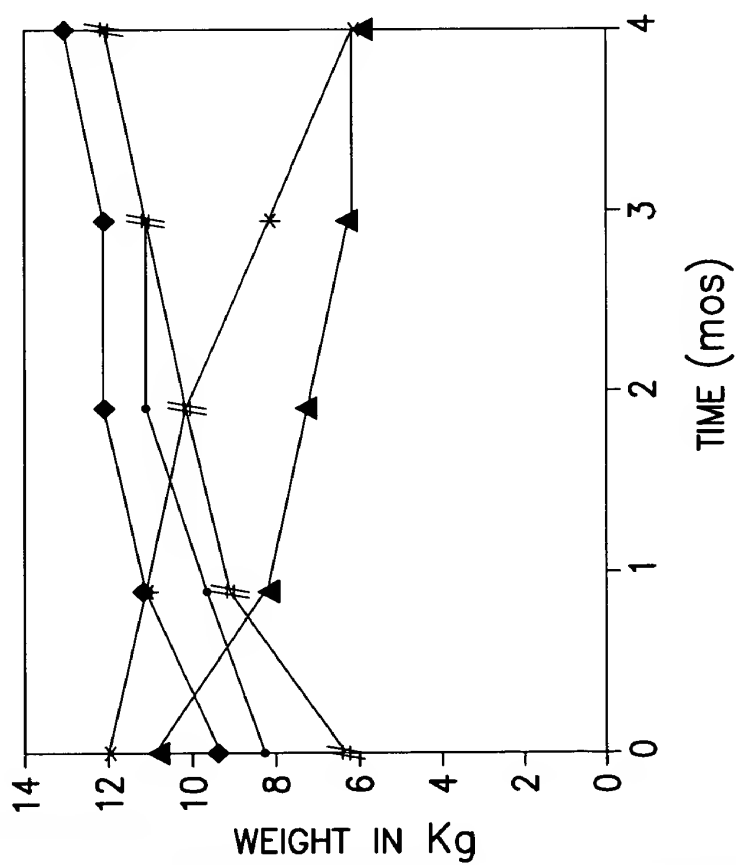
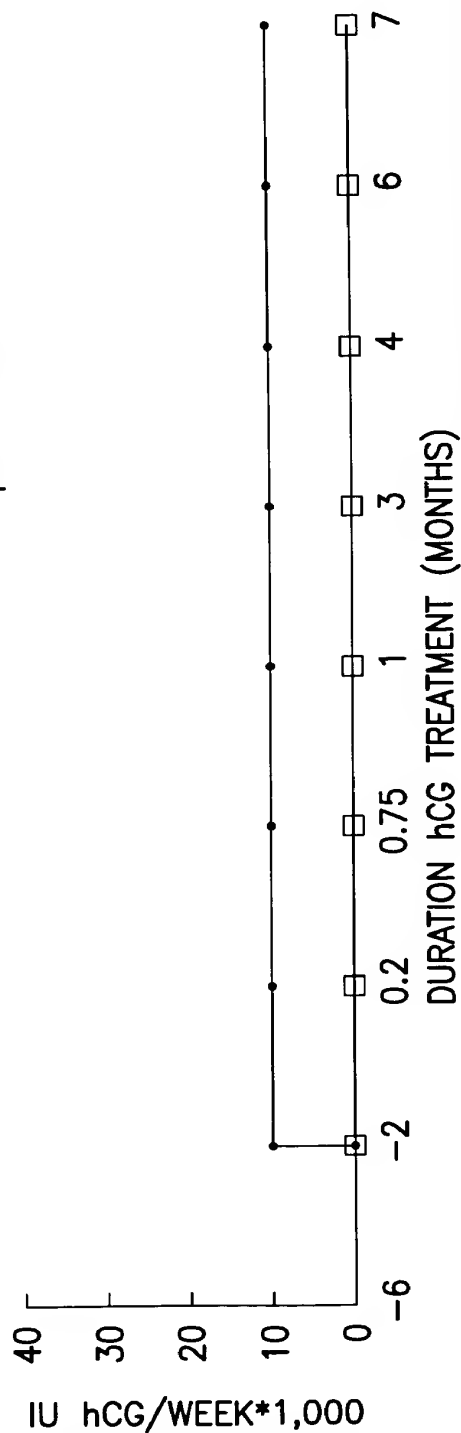
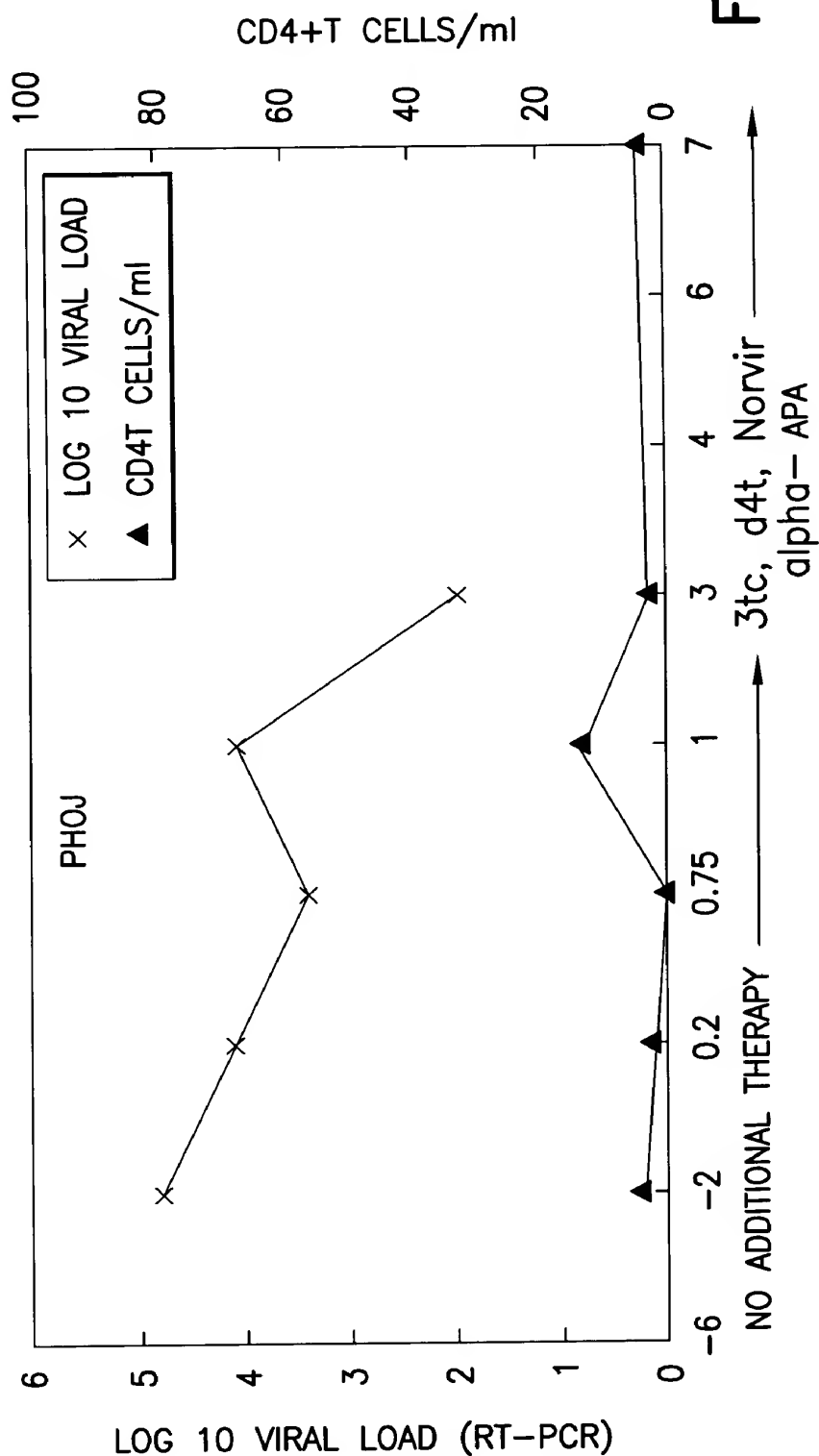
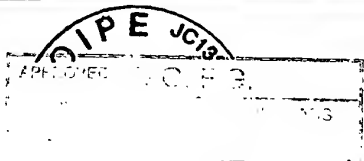


FIG.2C

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FIG.3C

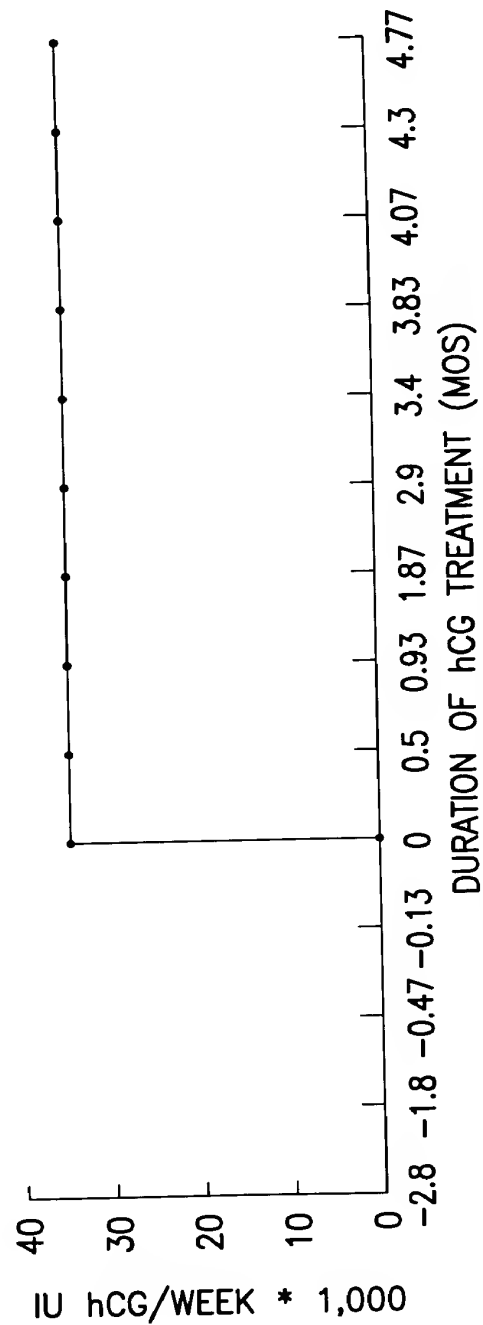
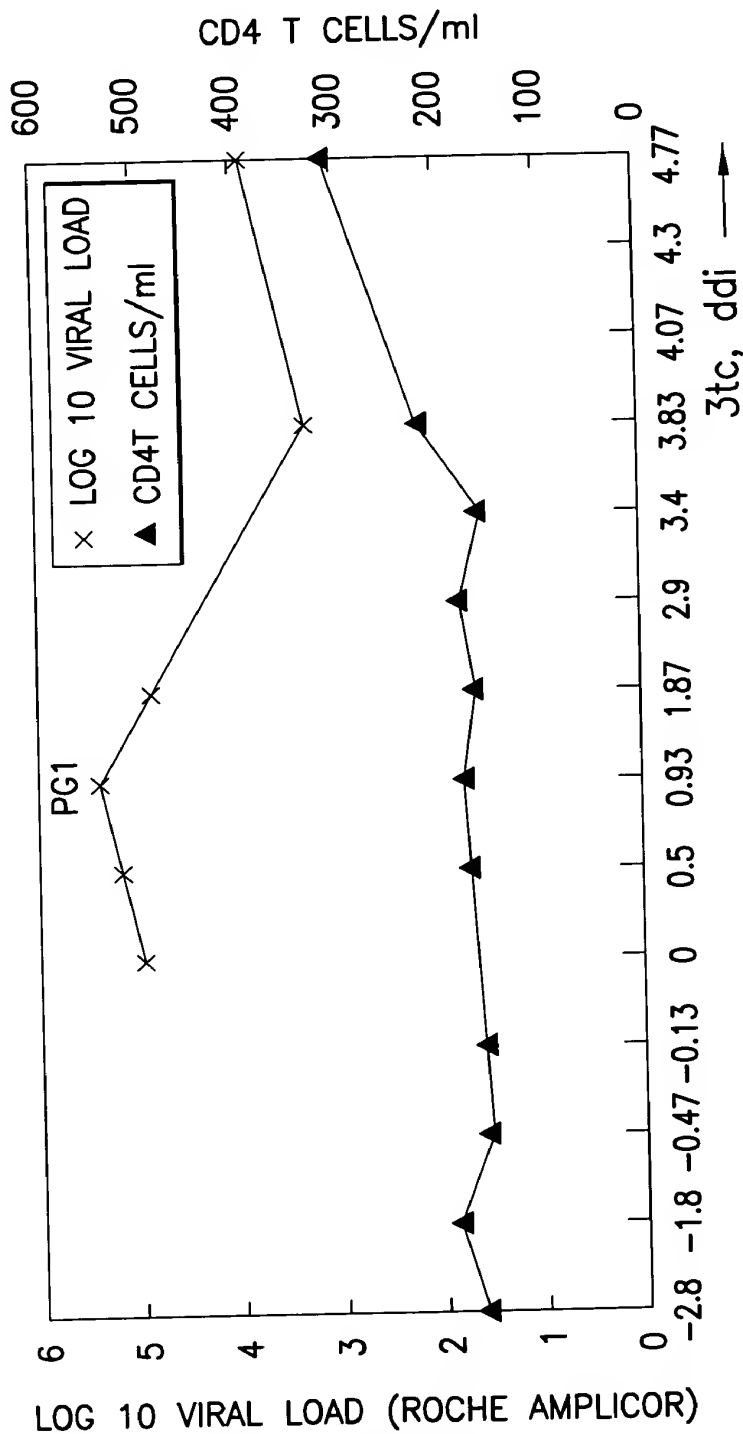
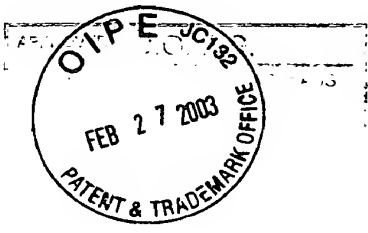
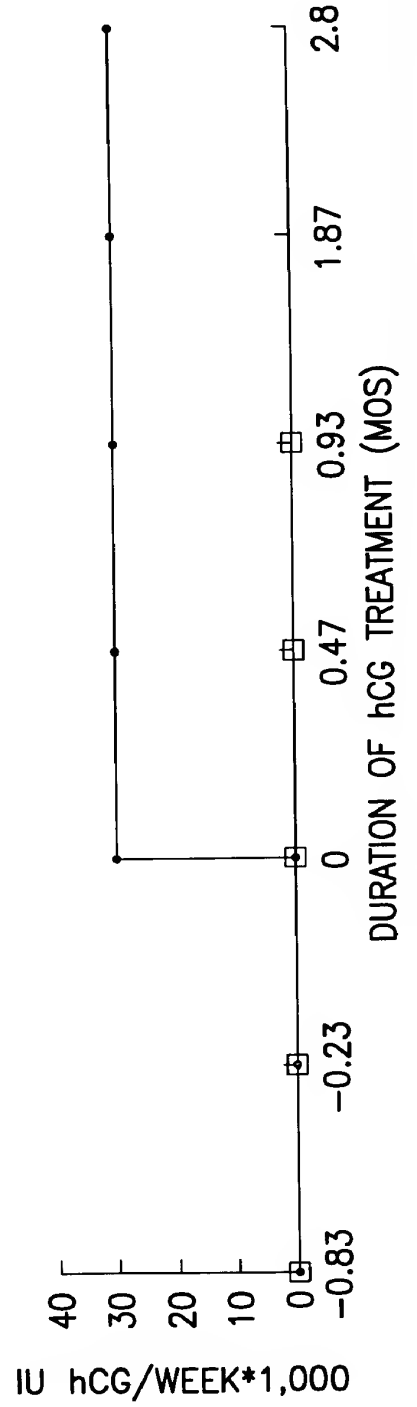
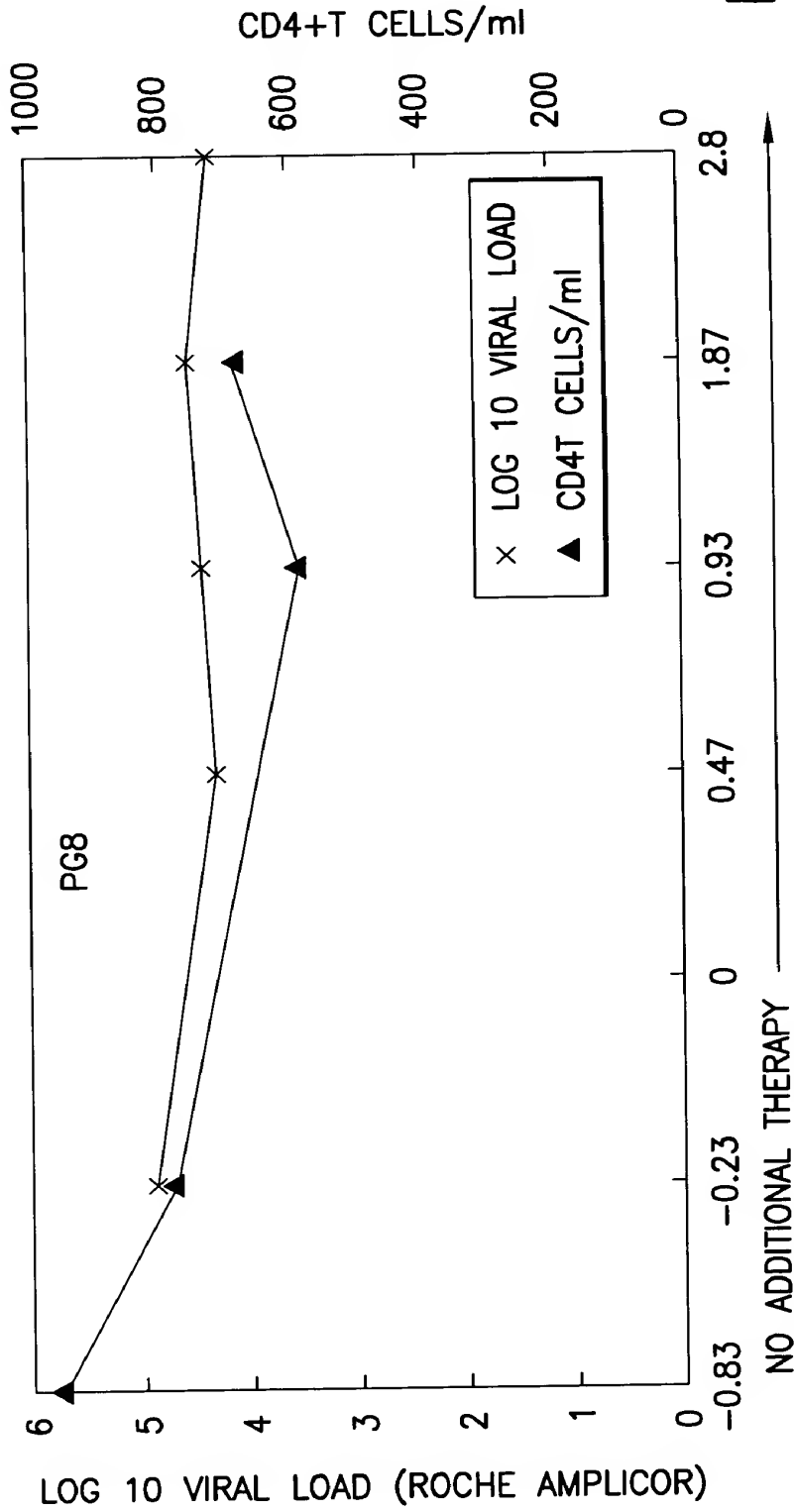
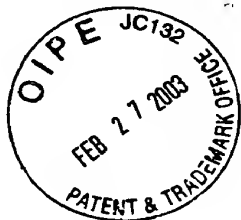


FIG.3D



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FIG.3G

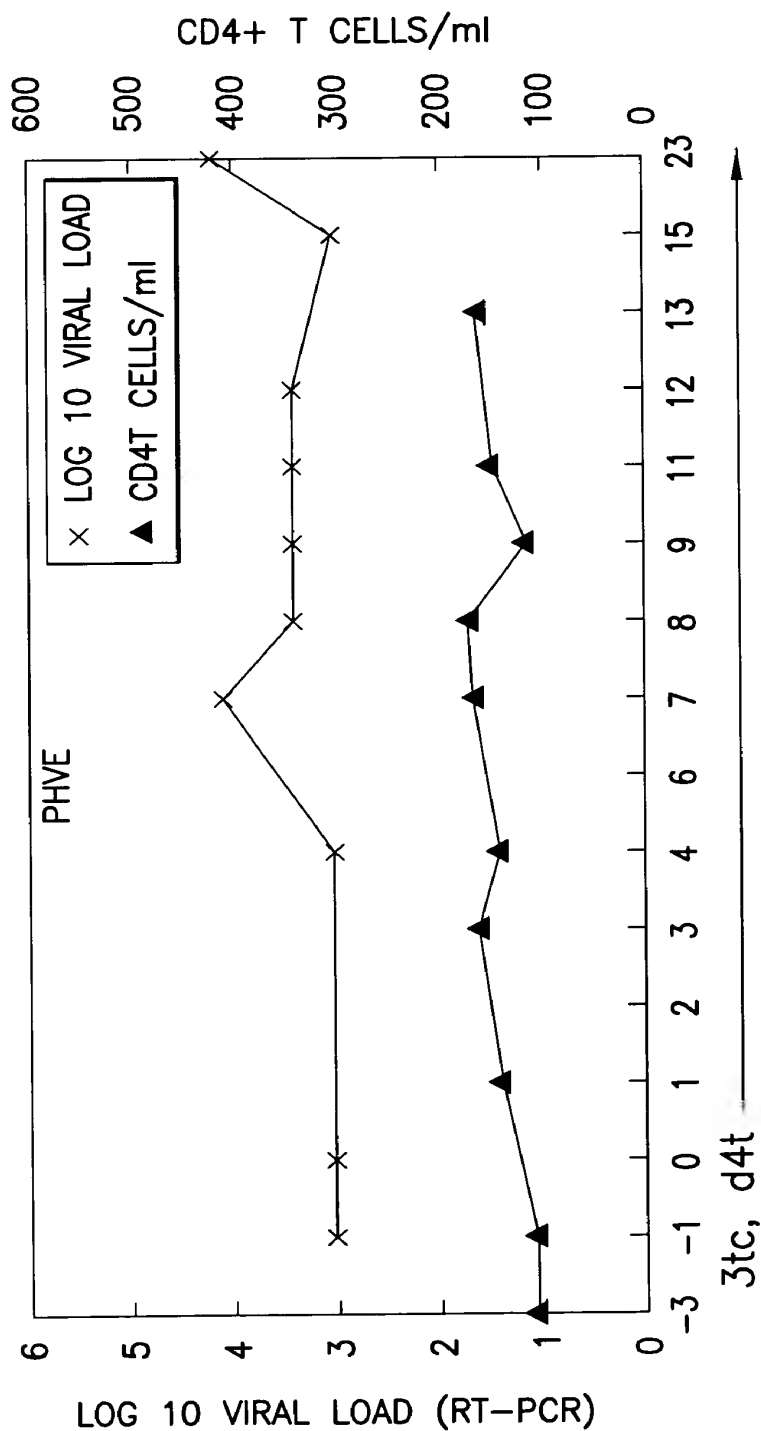
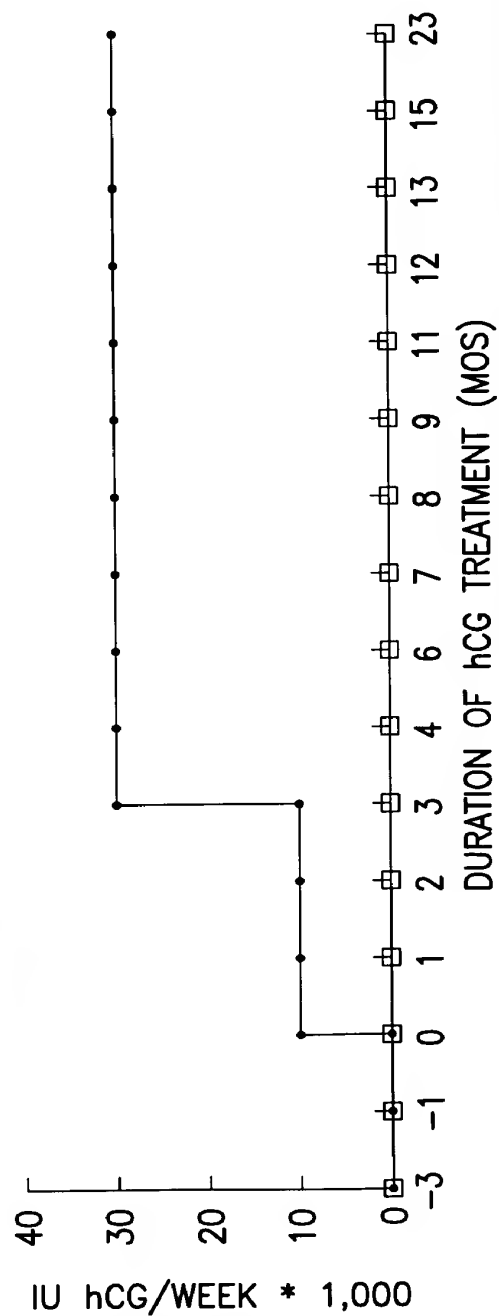
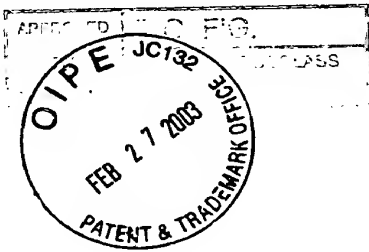


FIG.3H





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FIG.3I

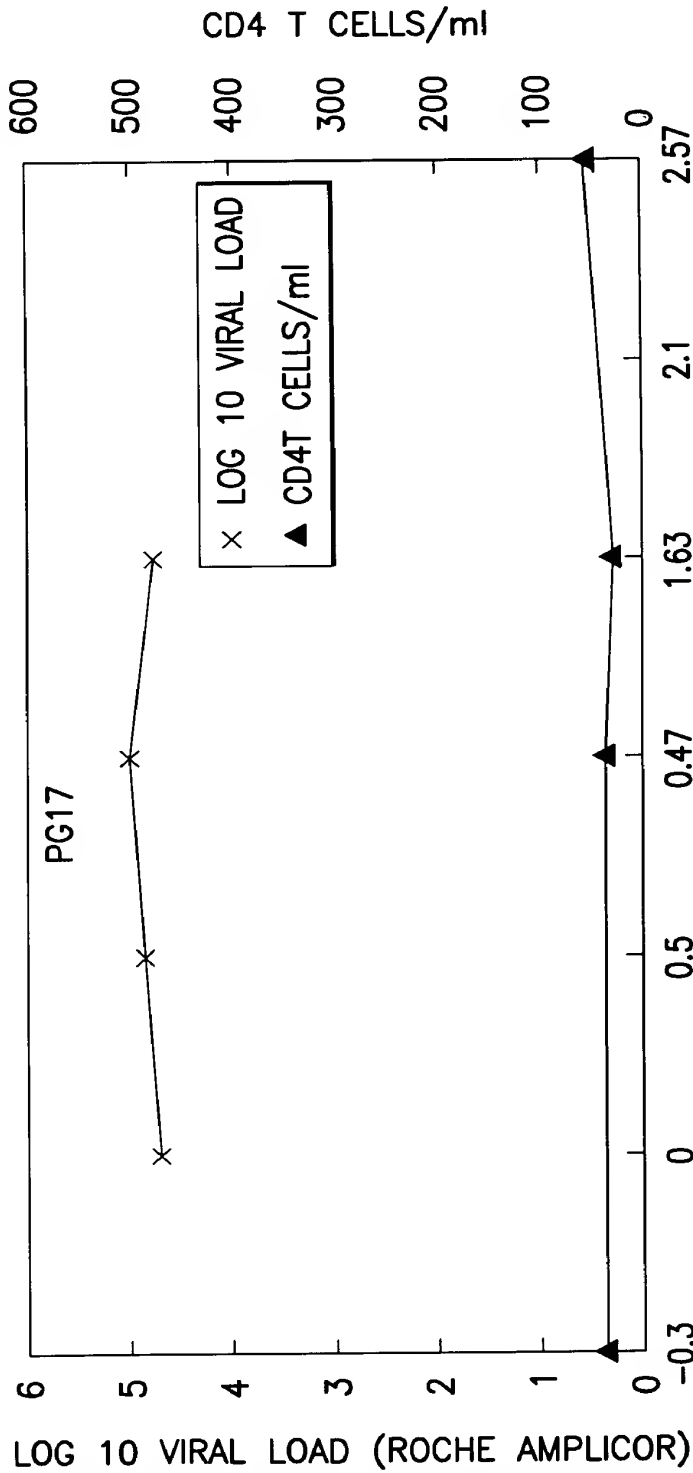
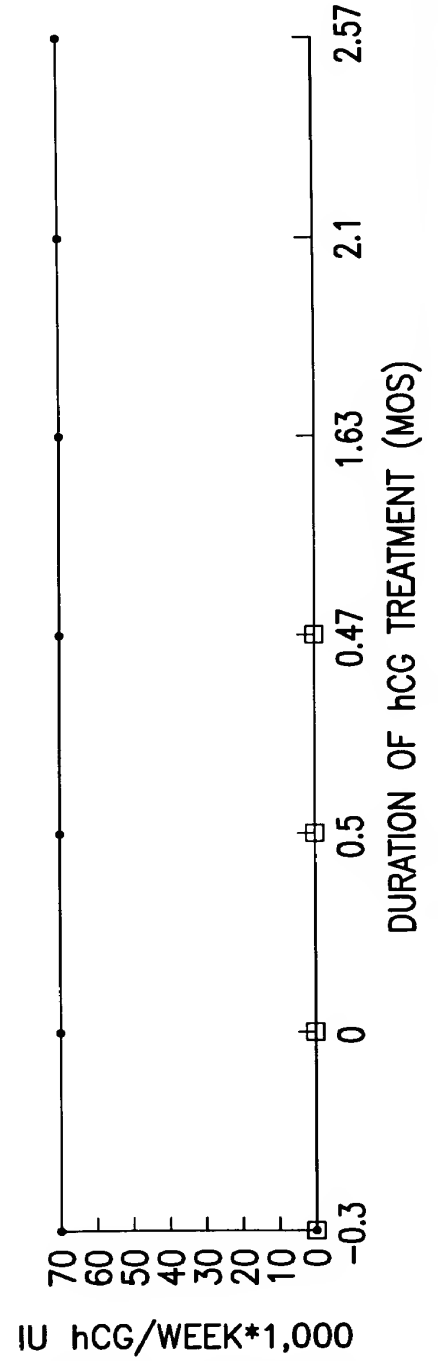


FIG.3J



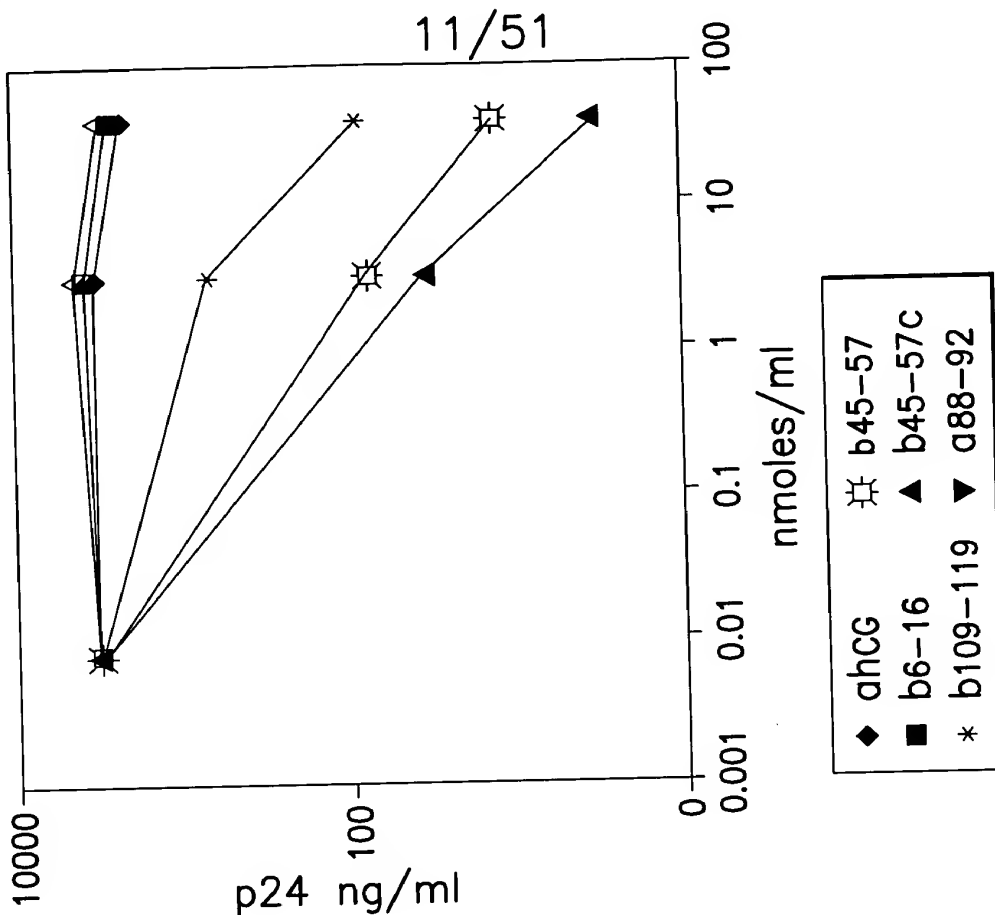


FIG.4B

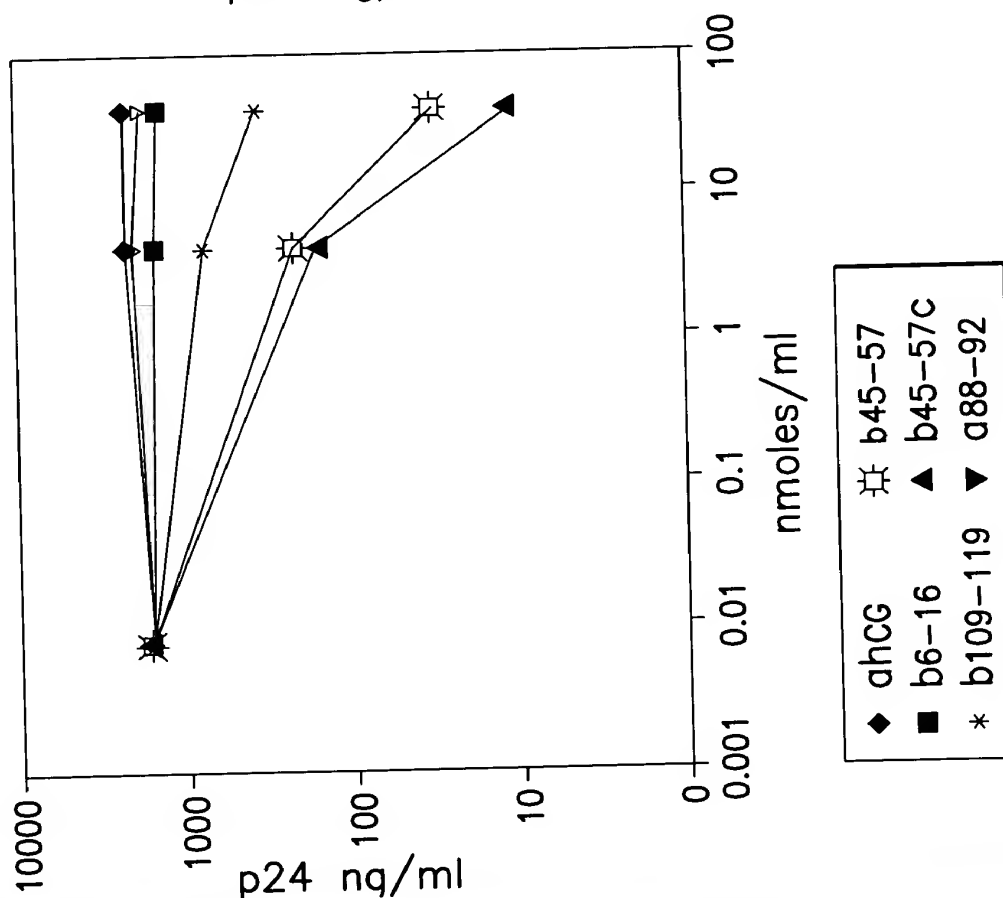


FIG.4A

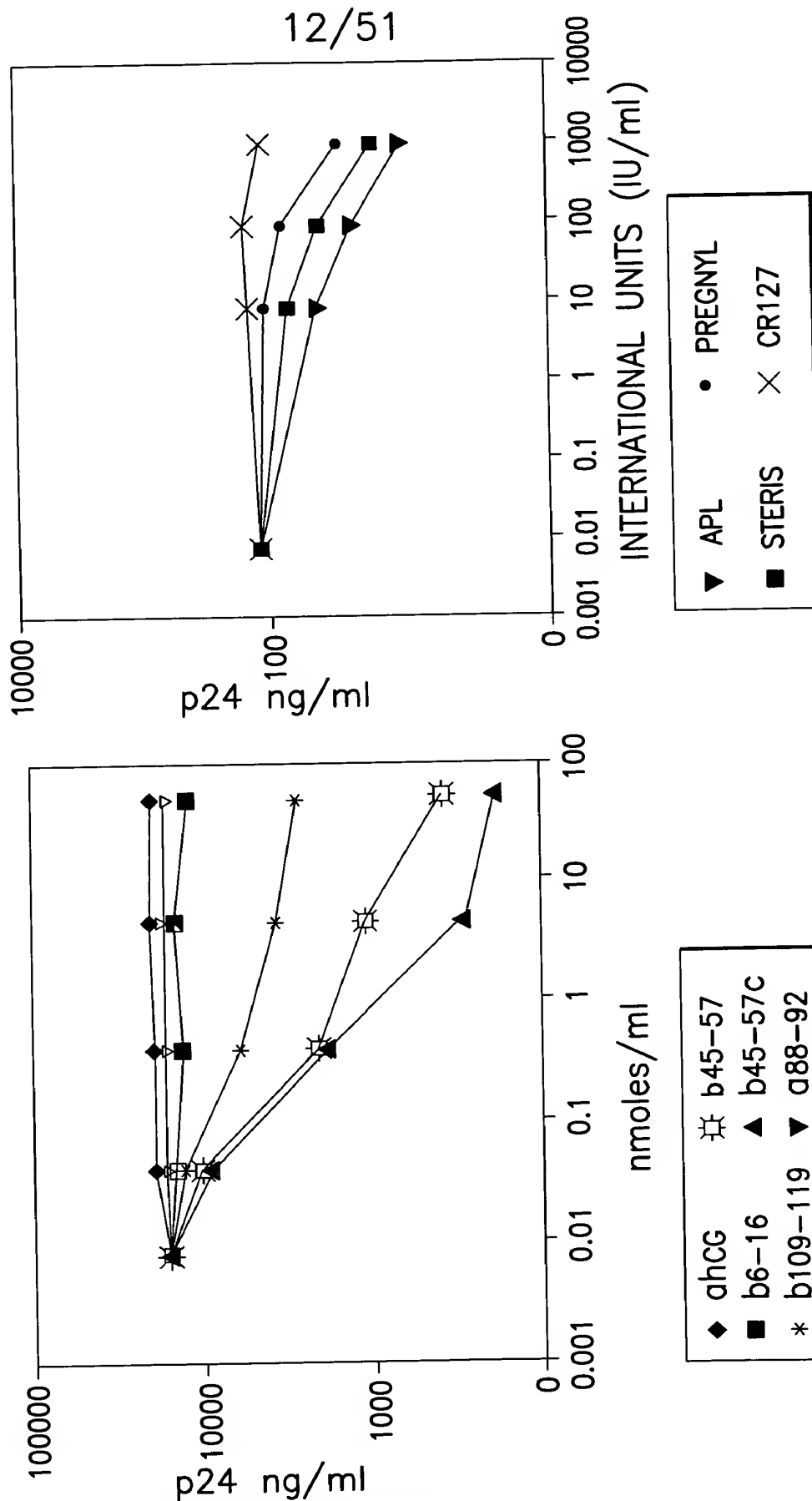


FIG.4D

FIG.4C

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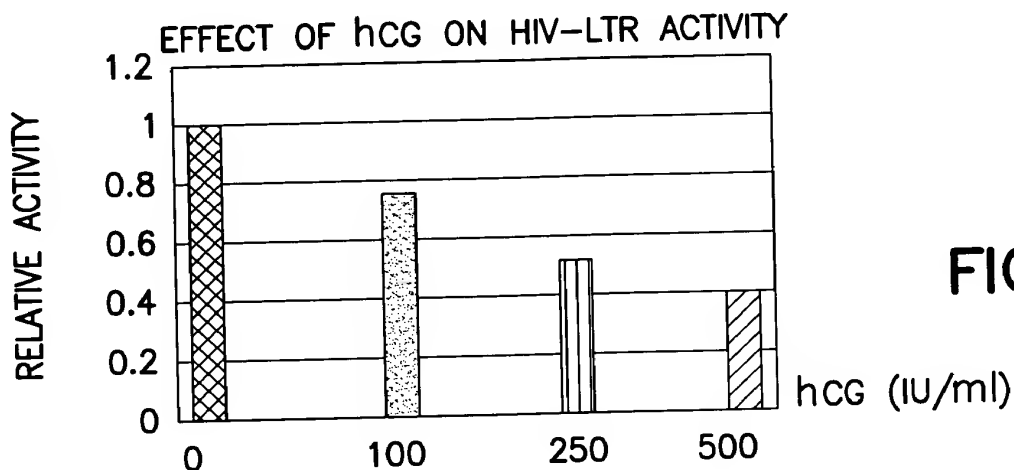


FIG.5A

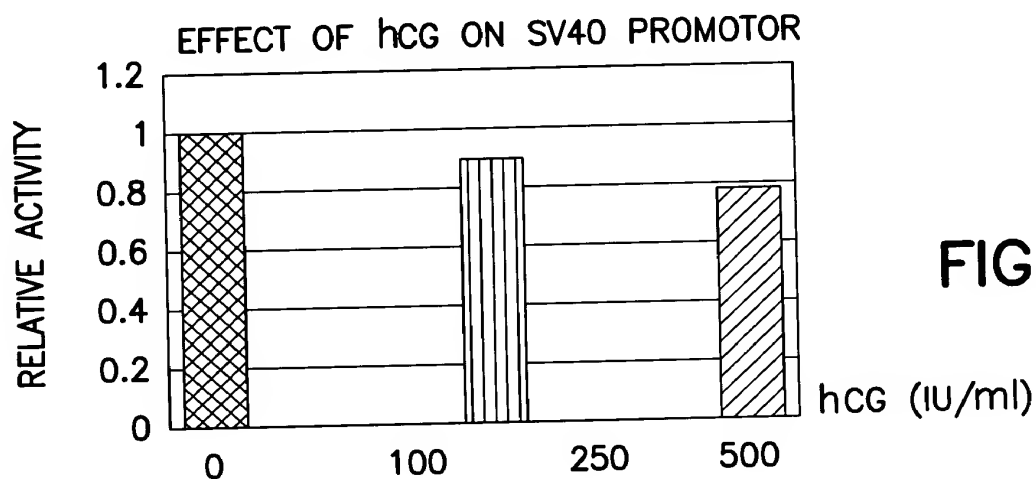


FIG.5B

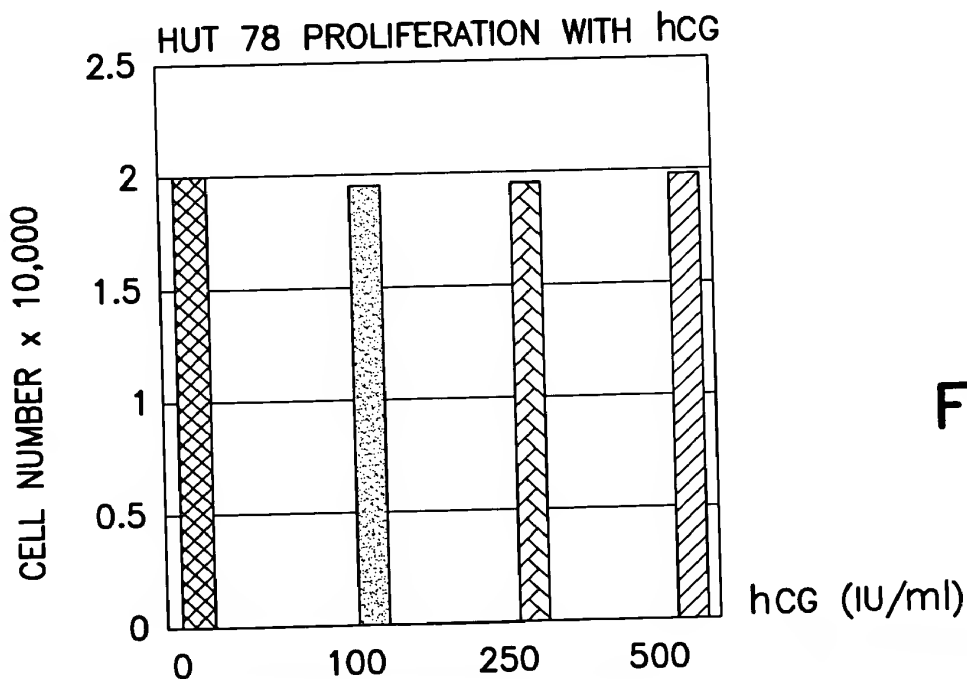
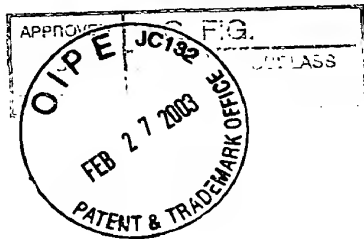


FIG.5C



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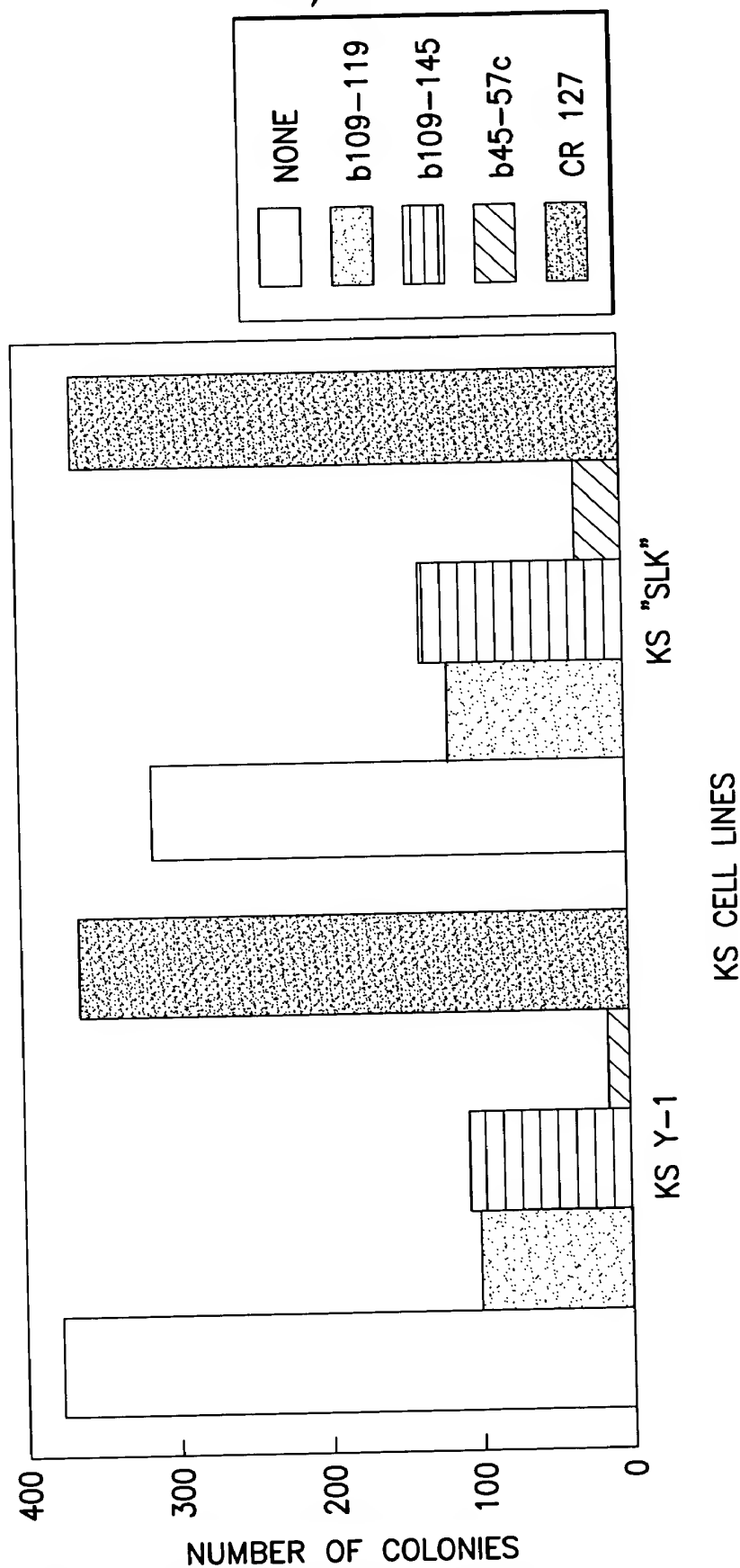


FIG.6A

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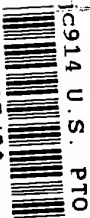


FIG. 6

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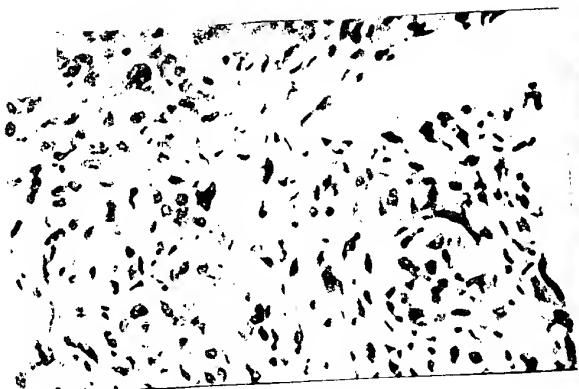


FIG. 6B

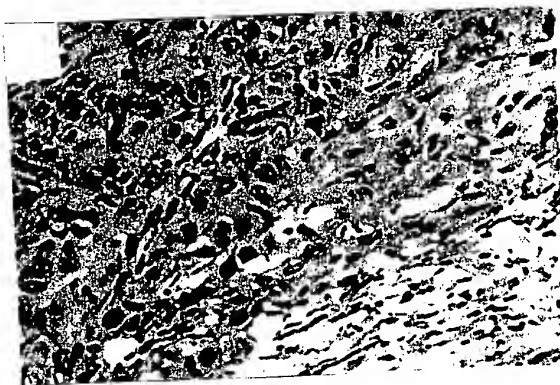


FIG. 6C

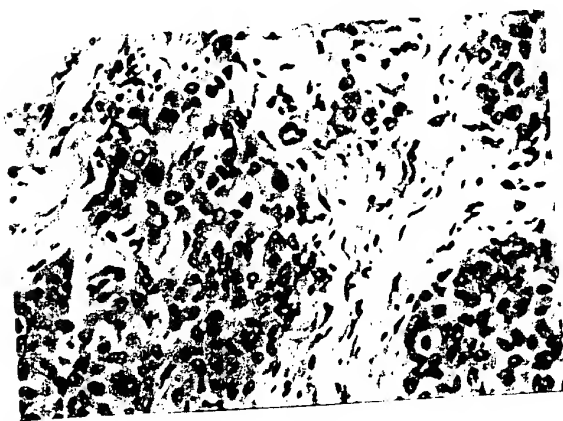


FIG. 6D

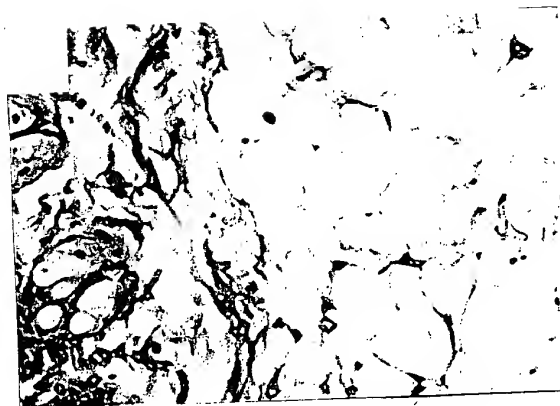


FIG. 6E

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FIG. 6F

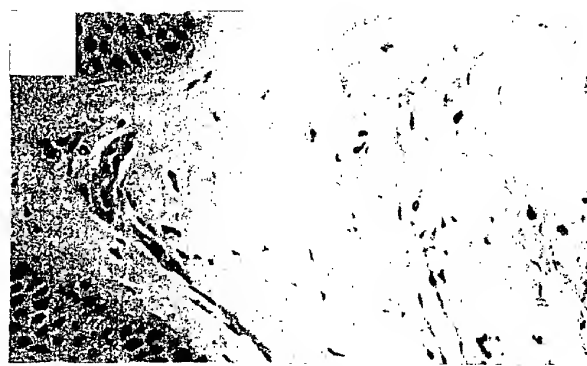


FIG. 6G

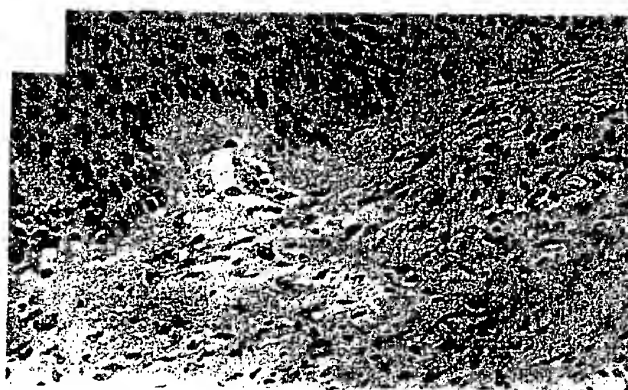


FIG. 6H

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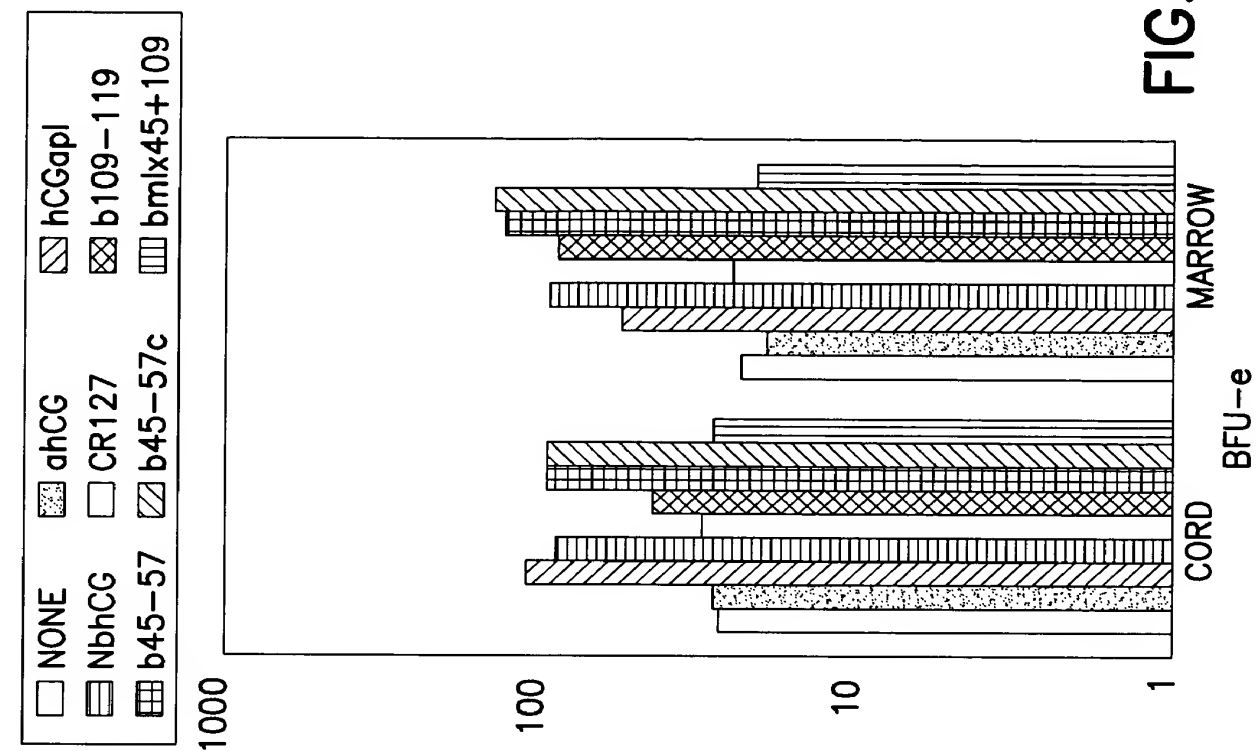


FIG. 7B

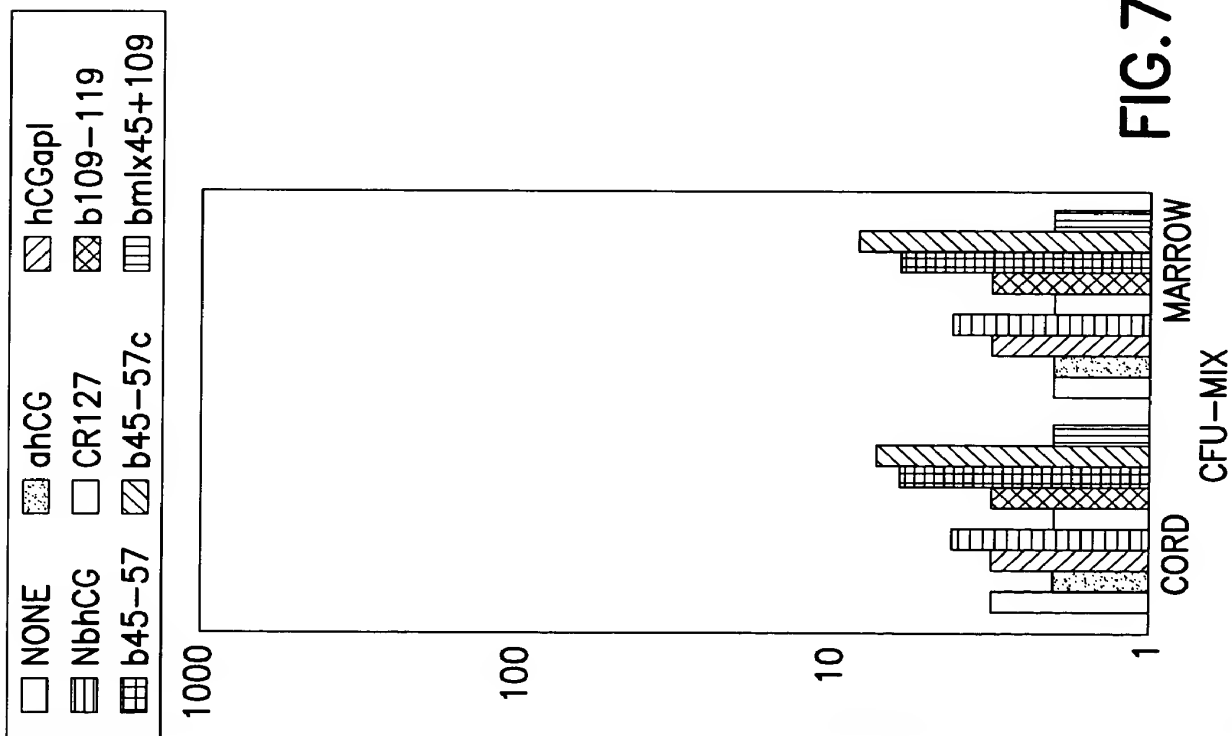


FIG. 7A

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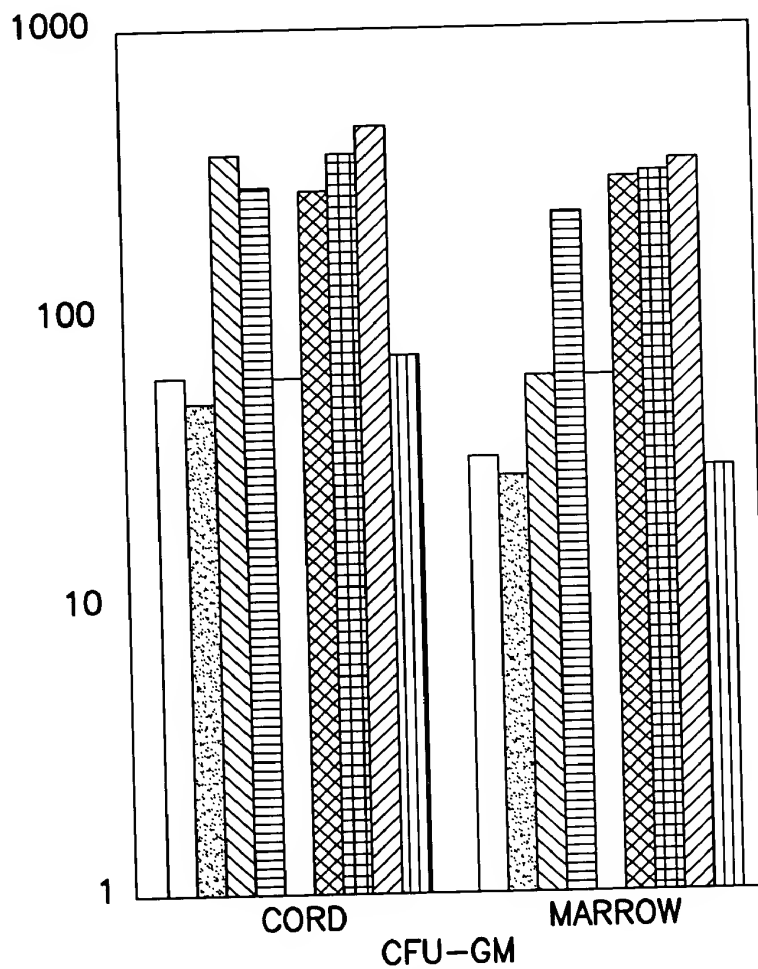
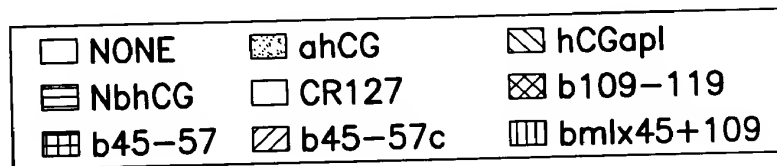
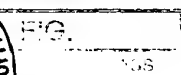


FIG.7C



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AGACAAGGCA GGGGACGCAC CAAGG ATG GAG ATG TTC CAG GGG CTG CTG
Met Glu Met Phe Gln Gly Leu Leu

-20
-15

-20

100

TTG CTG CTG AGC ATG GGC GGG ACA TGG GCA TCC AAG GAG CCG CTT
Leu Leu Leu Ser Met Gly Gly Thr Trp Ala Ser Lys Glu Pro Leu

[illegible]

5

H

148

-10
CGG CCA CGG TGC CGC CCC ATC AAT GCC ACC CTG GCT GTG GAG AAG GAG
Arg Pro Arg Cys Arg Pro Ile Asn Ala Thr Leu Val Glu Lys Glu
10 15 20

10

15

20

196

GGC	TGC	CCC	GTG	TGC	ATC	ACC	GTC	AAC	ACC	ACC	ATC	TGT	GCC	GGC	TAC
ala	arg	pro	val	cys	tle	thr	val	asn	thr	thr	ile	cys	ala	gly	tyr

GLY	CYS	FLU	VAL	CYS	ILE	...
						30
						35

30

53

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TGC	CCC	ACC	ATG	ACC	CGC	GTC	CTG	CAG	GGG	GTC	CTG	CCG	GCC	CTG	CCT
Pro	Phe	Thr	Met	Thr	Arg	Val	Leu	Gln	Gly	Val	Leu	Pro	Ala	Leu	Pro

Cys	Pro	Thr	Met	Thr	Arg	Val	Iso
40						45	

40

0
n

292

40
CAG GTG GTG TGC AAC TAC CGC GAT GTG CGC TTC GAG TCC ATC CGG CTC

Gln Val Val Cys Asn Tyr Arg Asp Val Arg Phe Glu
Glu

60

59

340

55 CCT GGC TGC CCG CGC GGC CTG AAC CCC GTG GTC TCC TAC GCC GTG GCT

pro	GLY	CYS	PRO	ALY	GLY	LEU	ILE
					75		80

70

57

08

58

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FIG. 8A



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CTC AGC TGT CAA TGT GCA CTC TGC CGC CGC AGC ACC ACT GAC TGC GGG	388
Leu Ser Cys Gln Cys Ala Leu Cys Arg Arg Ser Thr Thr Asp Cys Gly	
GGT CCC AAG GAC CAC CCC TTG ACC TGT GAT GAC CCC CGC TTC CAG GAC	436
Gly Pro Lys Asp His Pro Leu Thr Cys Asp Asp Pro Arg Phe Gln Asp	
TCC TCT TCC TCA AAG GCC CCT CCC CCC AGC CTT CCA AGC CCA TCC CGA	484
Ser Ser Ser Ser Lys Ala Pro Pro Pro Ser Ser Leu Pro Ser Pro Ser Arg	
CTC CCG GGG CCC TCG GAC ACC CCG ATC CTC CCA CAA TAAAGGCTTC	530
Leu Pro Gly Pro Ser Asp Thr Pro Ile Leu Pro Gln	
135	145
TCAAATCCGC	

FIG.8B

FIG.8A

FIG.8B

FIG.8

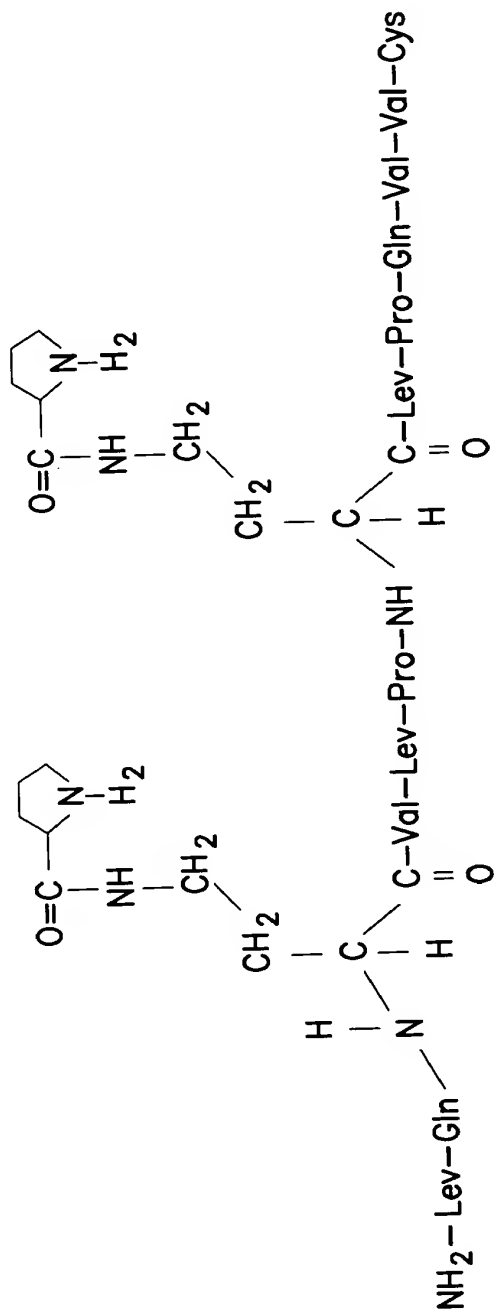


FIG. 9A

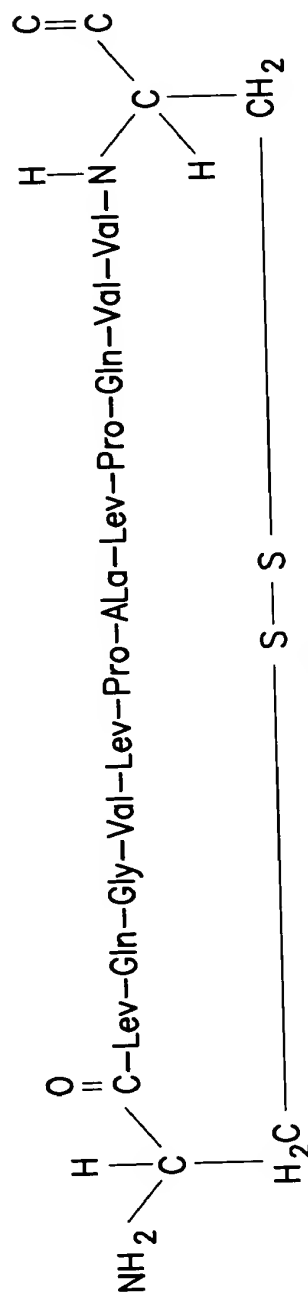


FIG. 9B

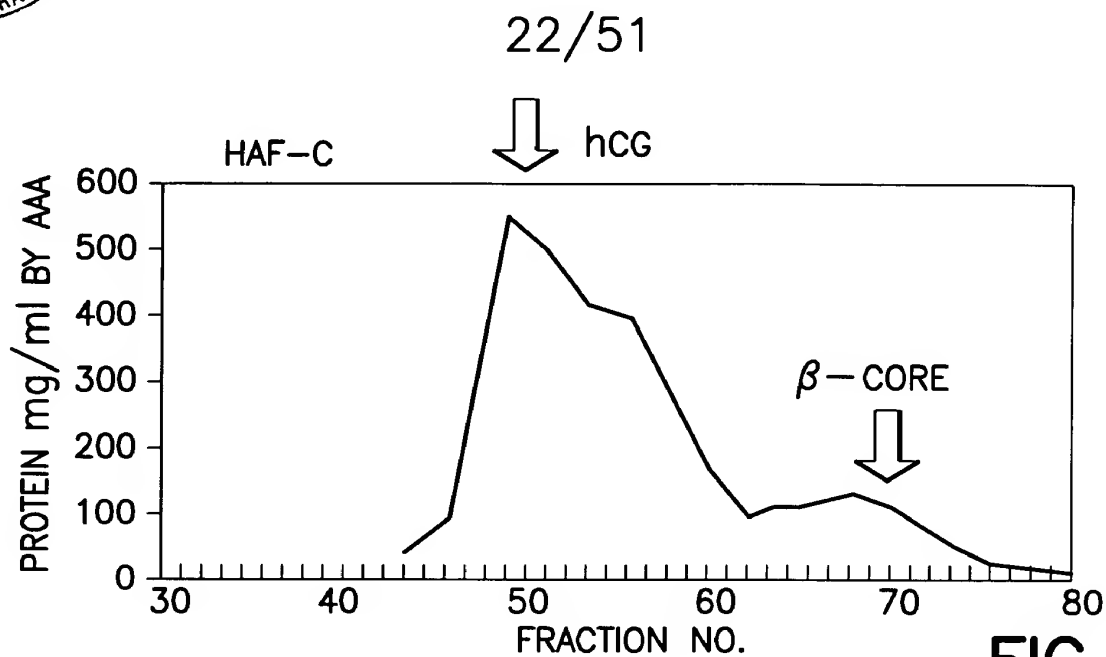
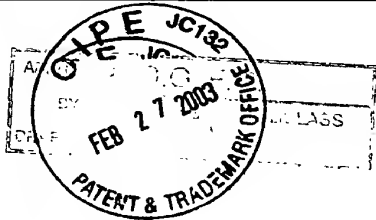


FIG.10A

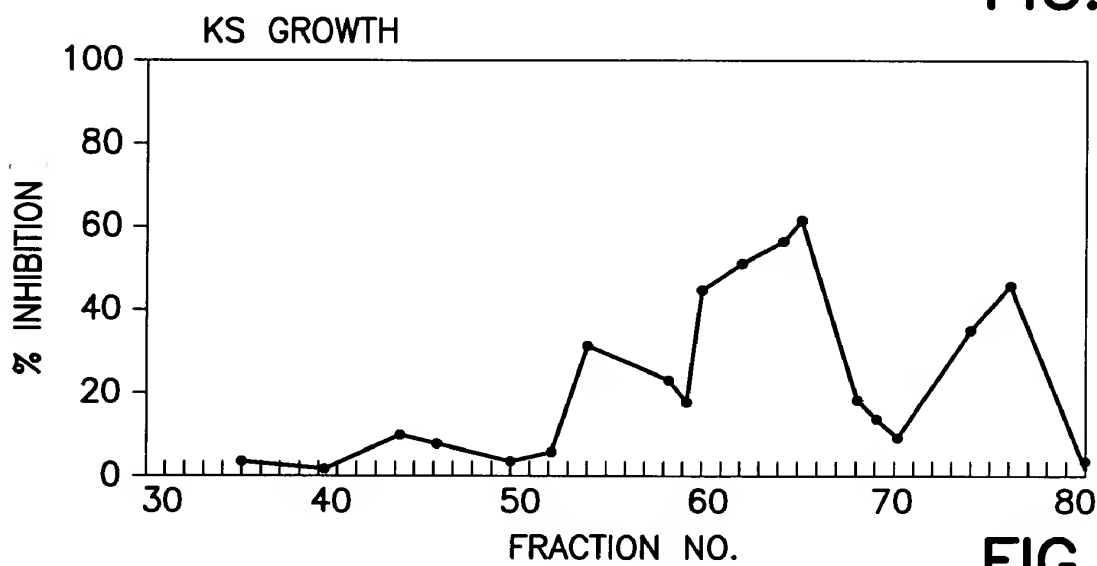


FIG.10B

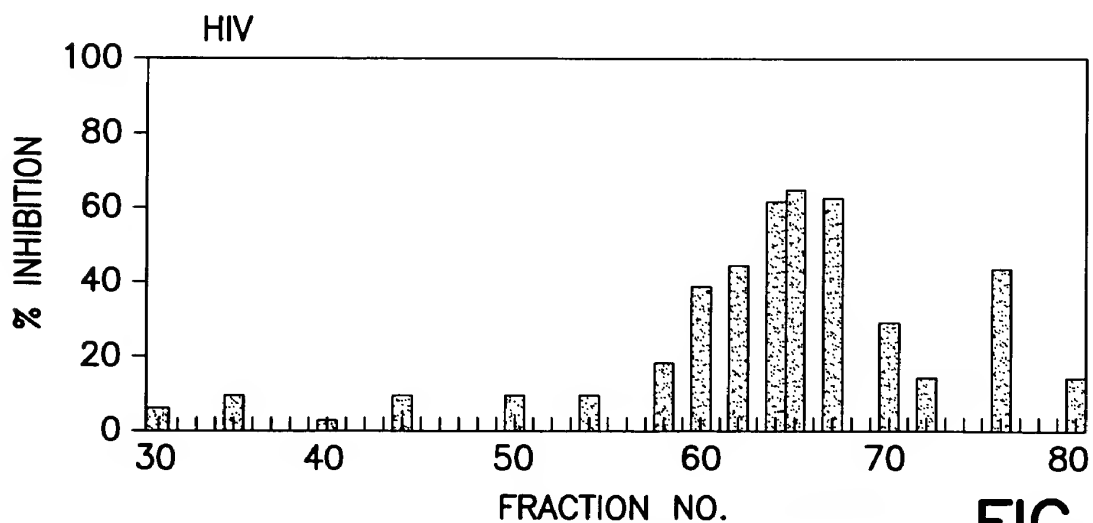
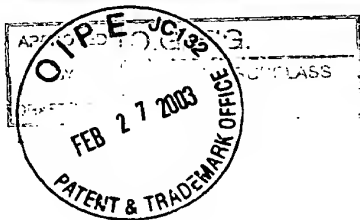


FIG.10C



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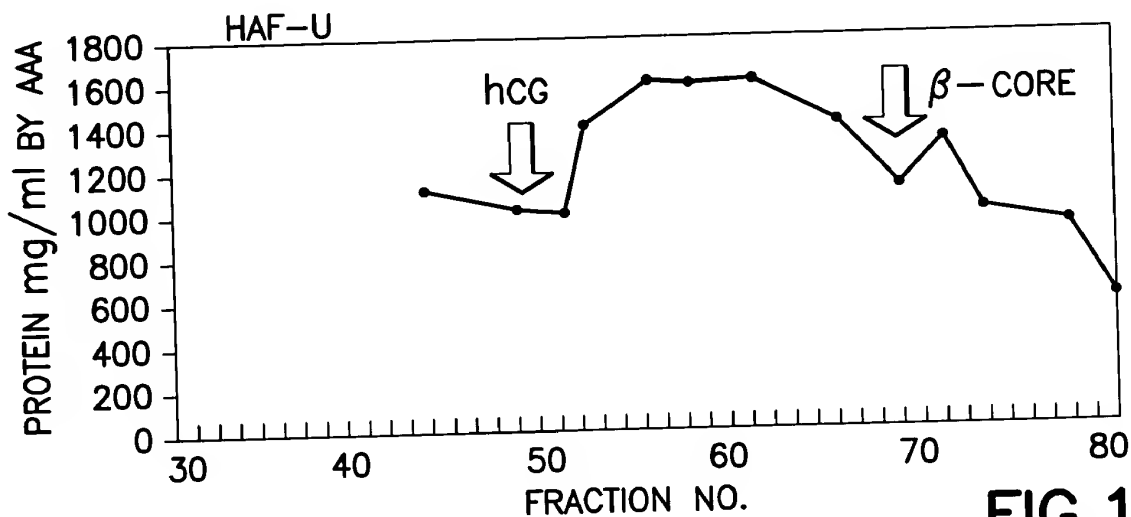


FIG.10D

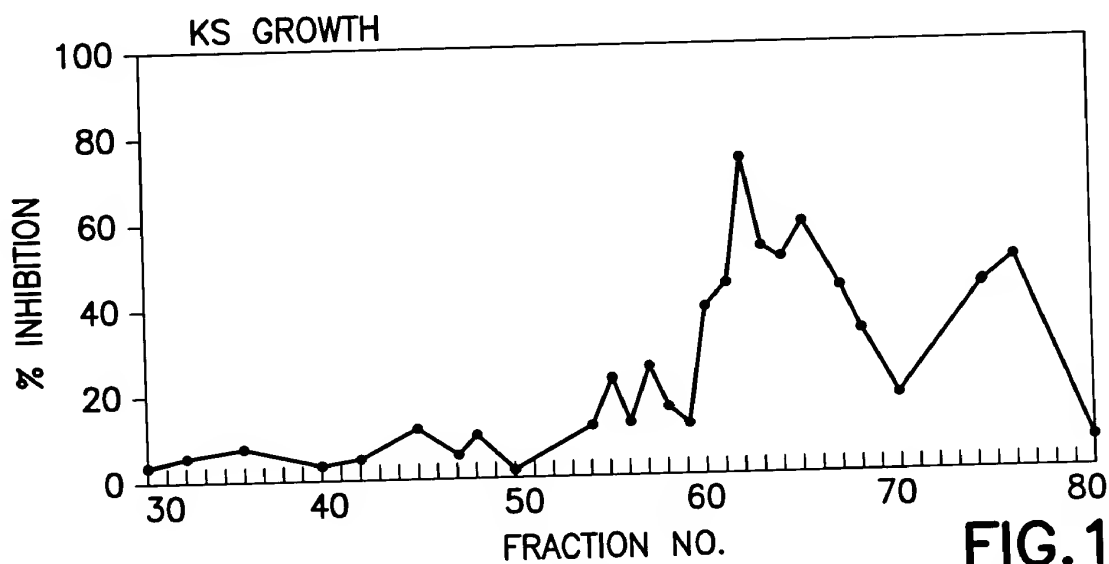


FIG.10E

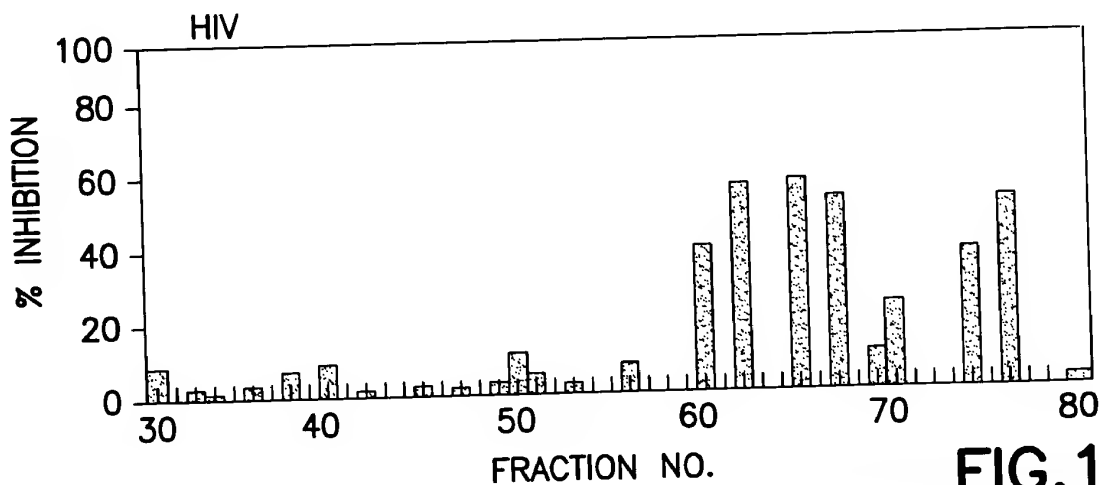
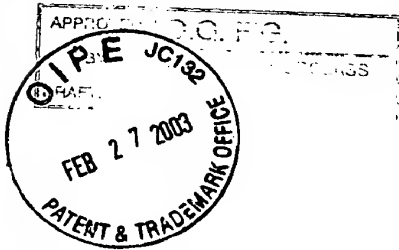


FIG.10F



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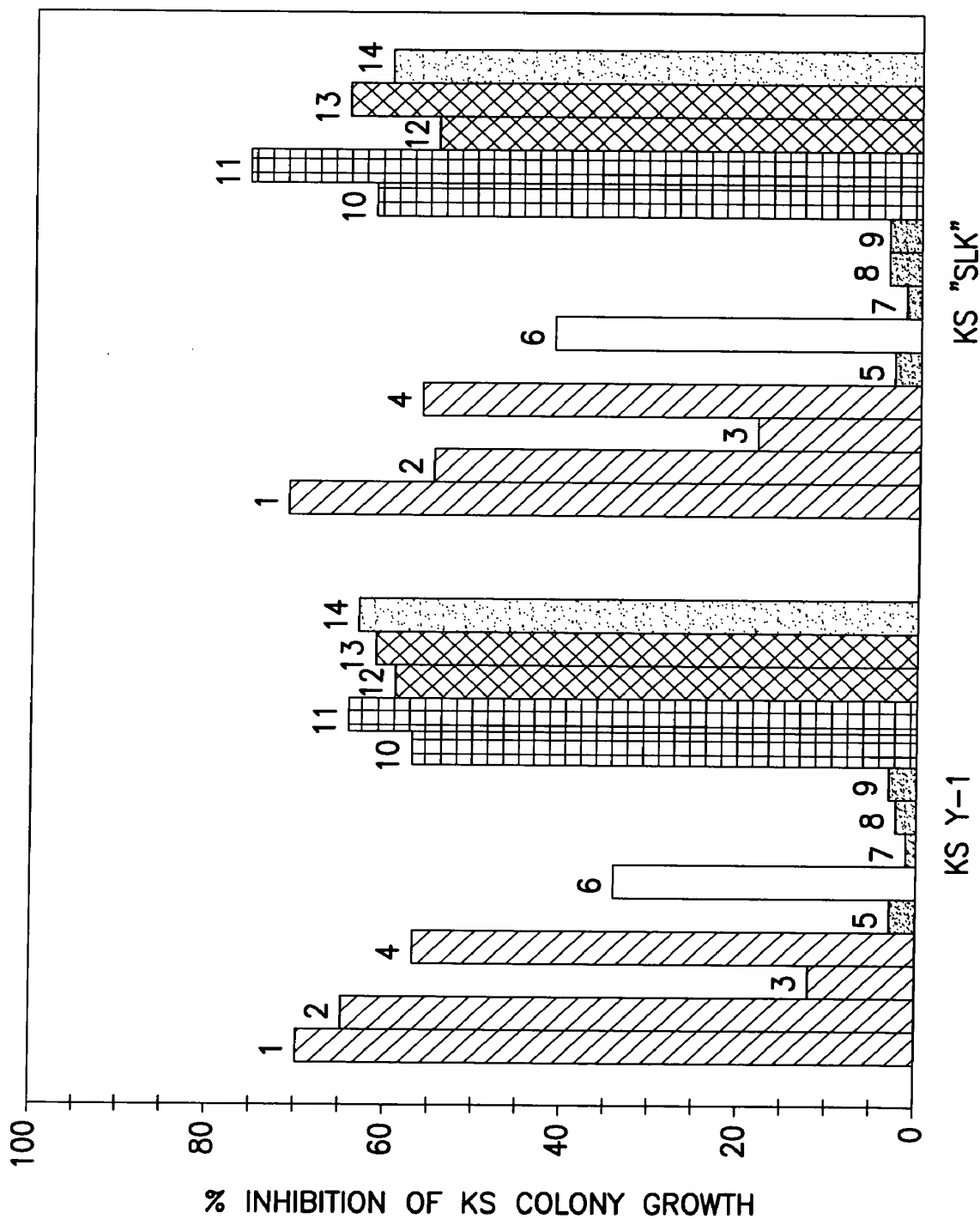
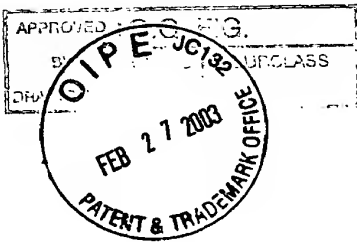


FIG.11



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FIG.12A

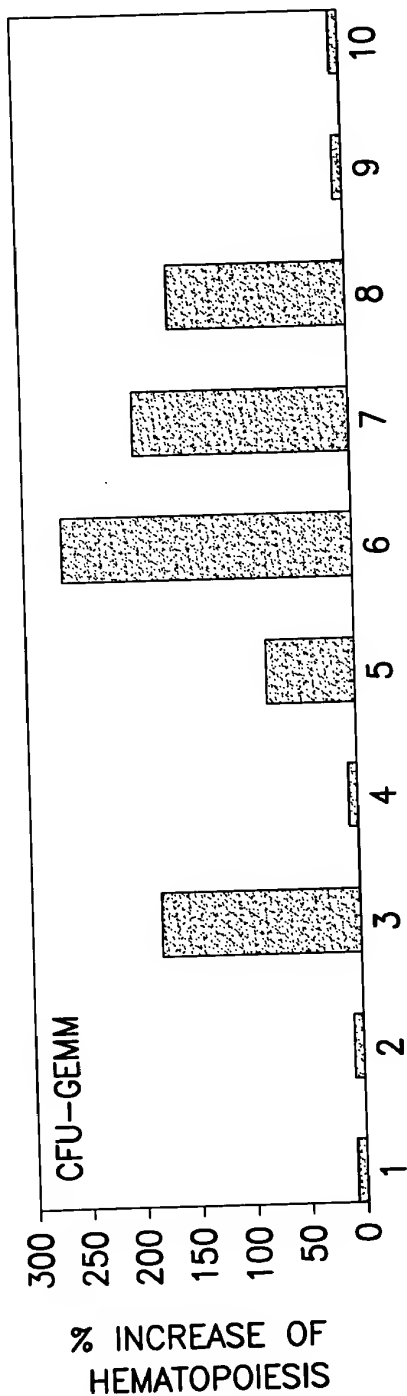


FIG.12B

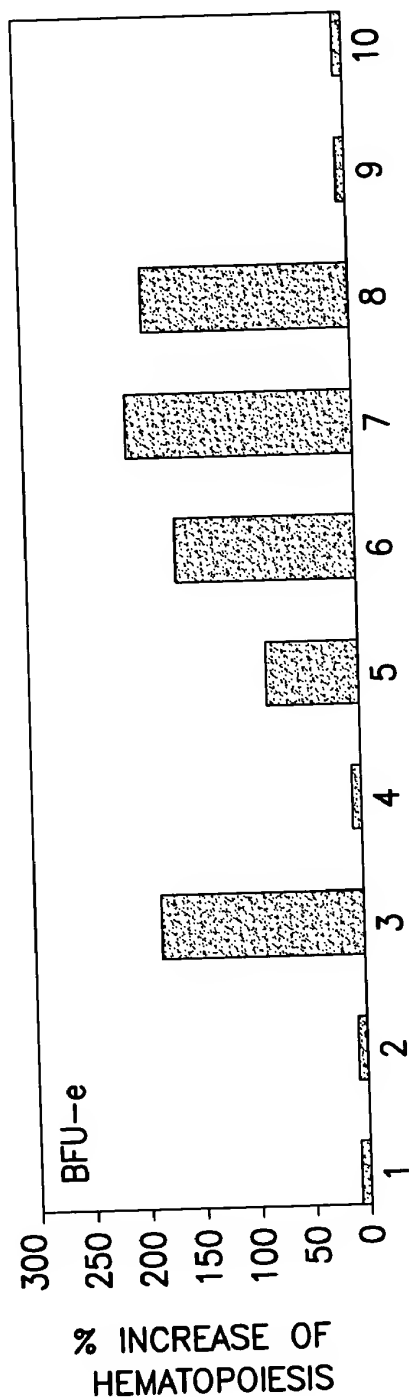
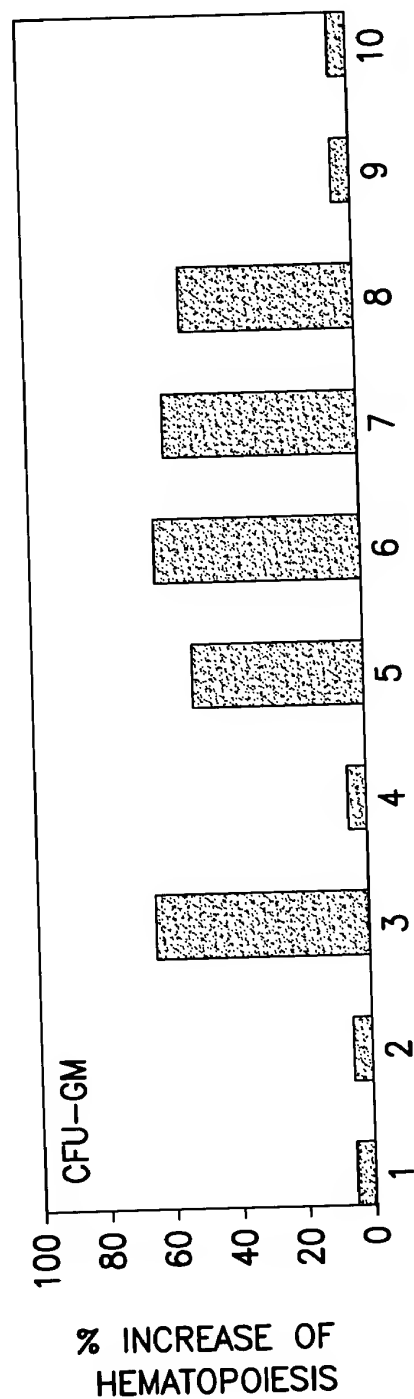
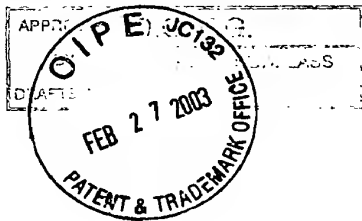


FIG.12C





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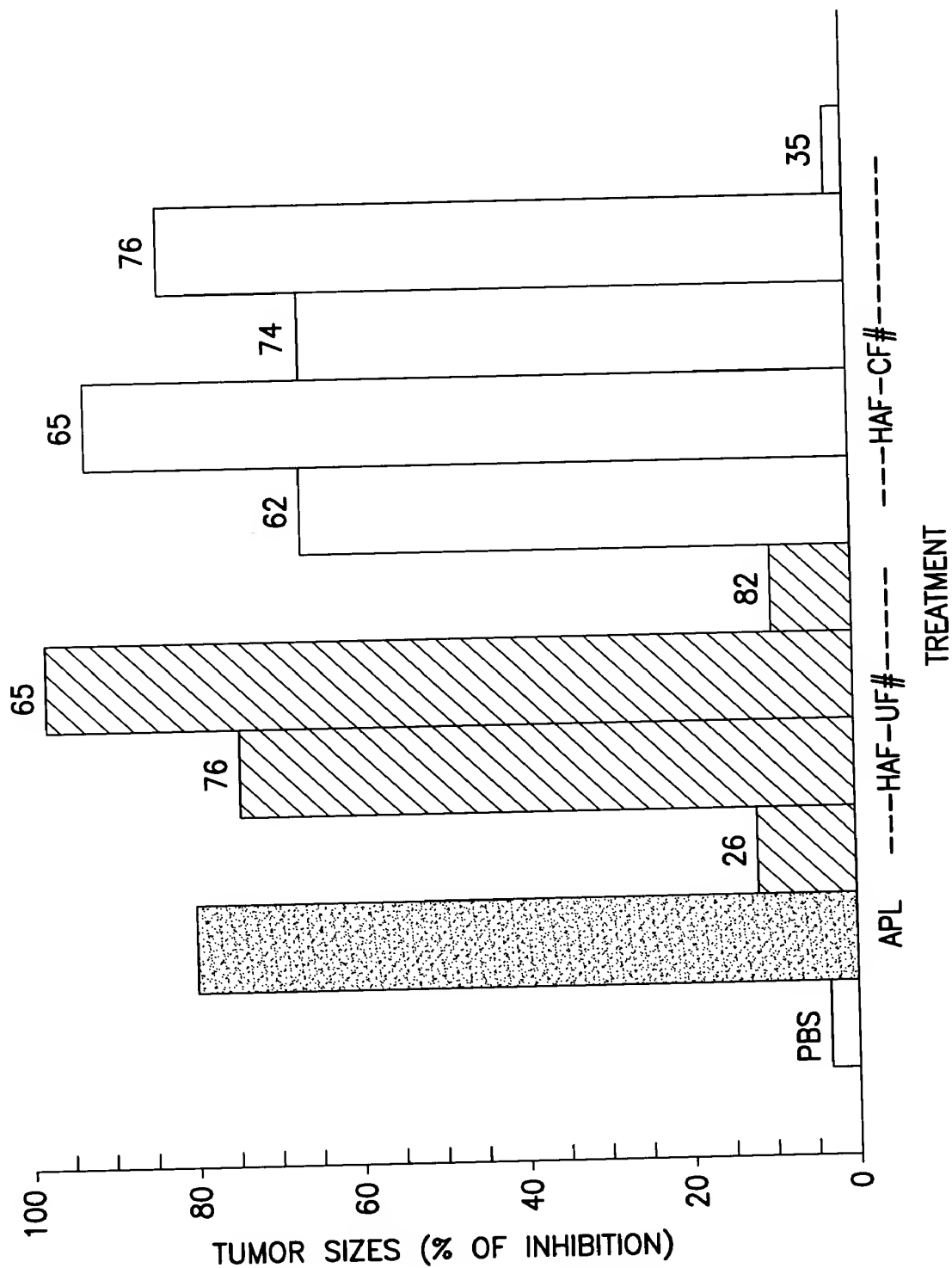


FIG.13



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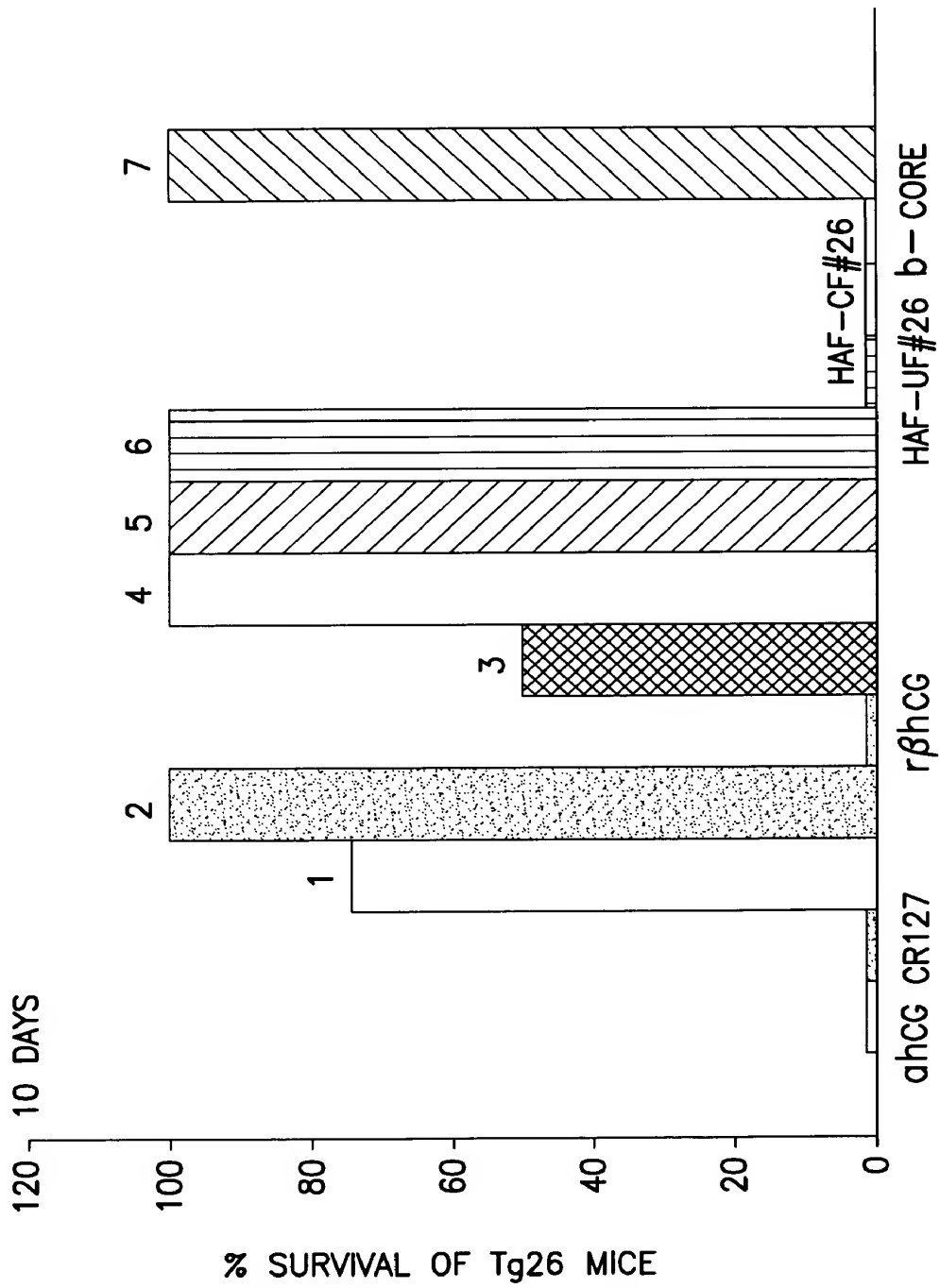
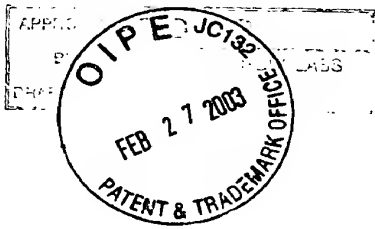


FIG.14



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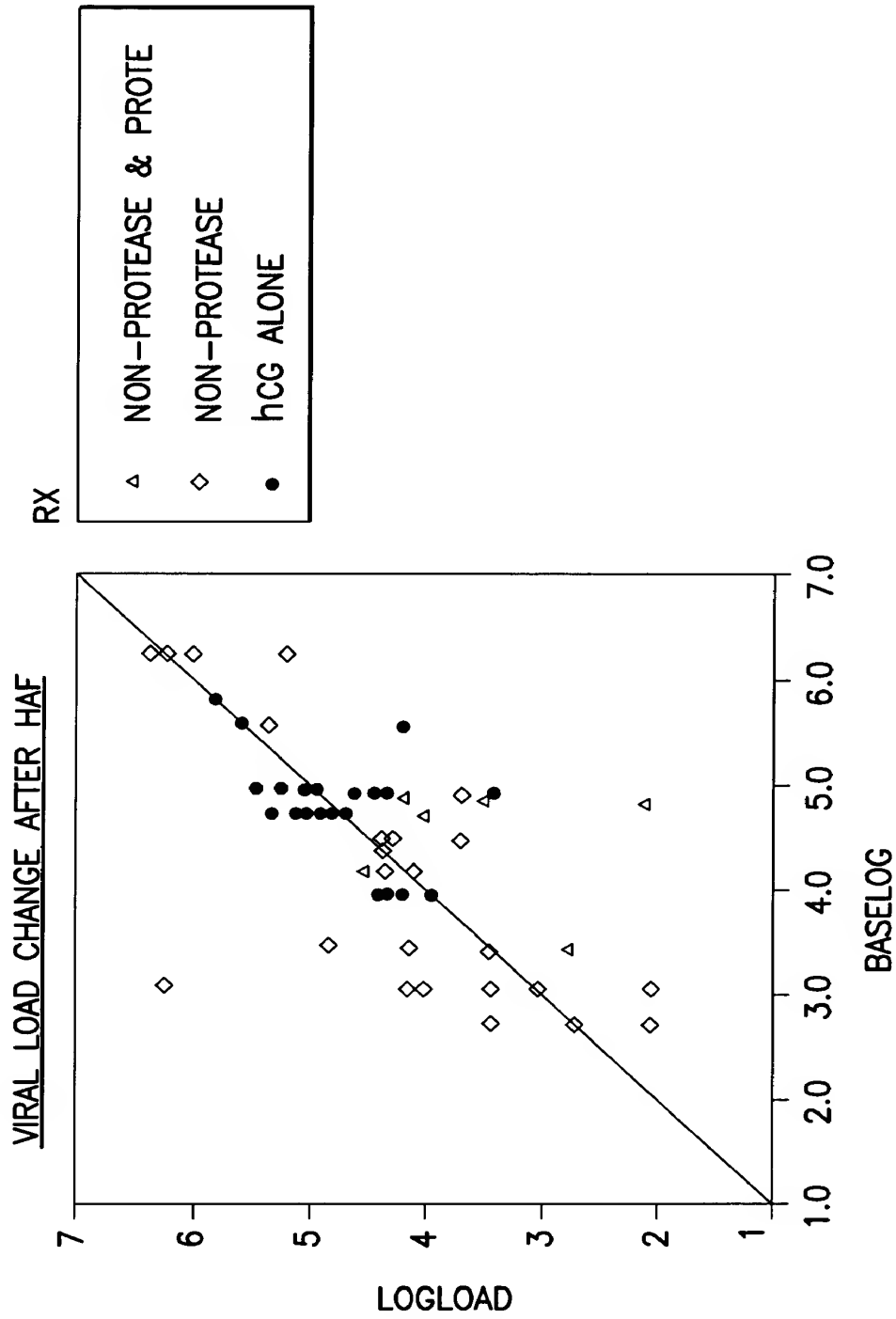
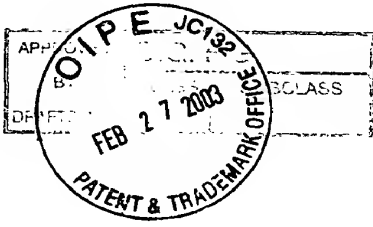


FIG.15A



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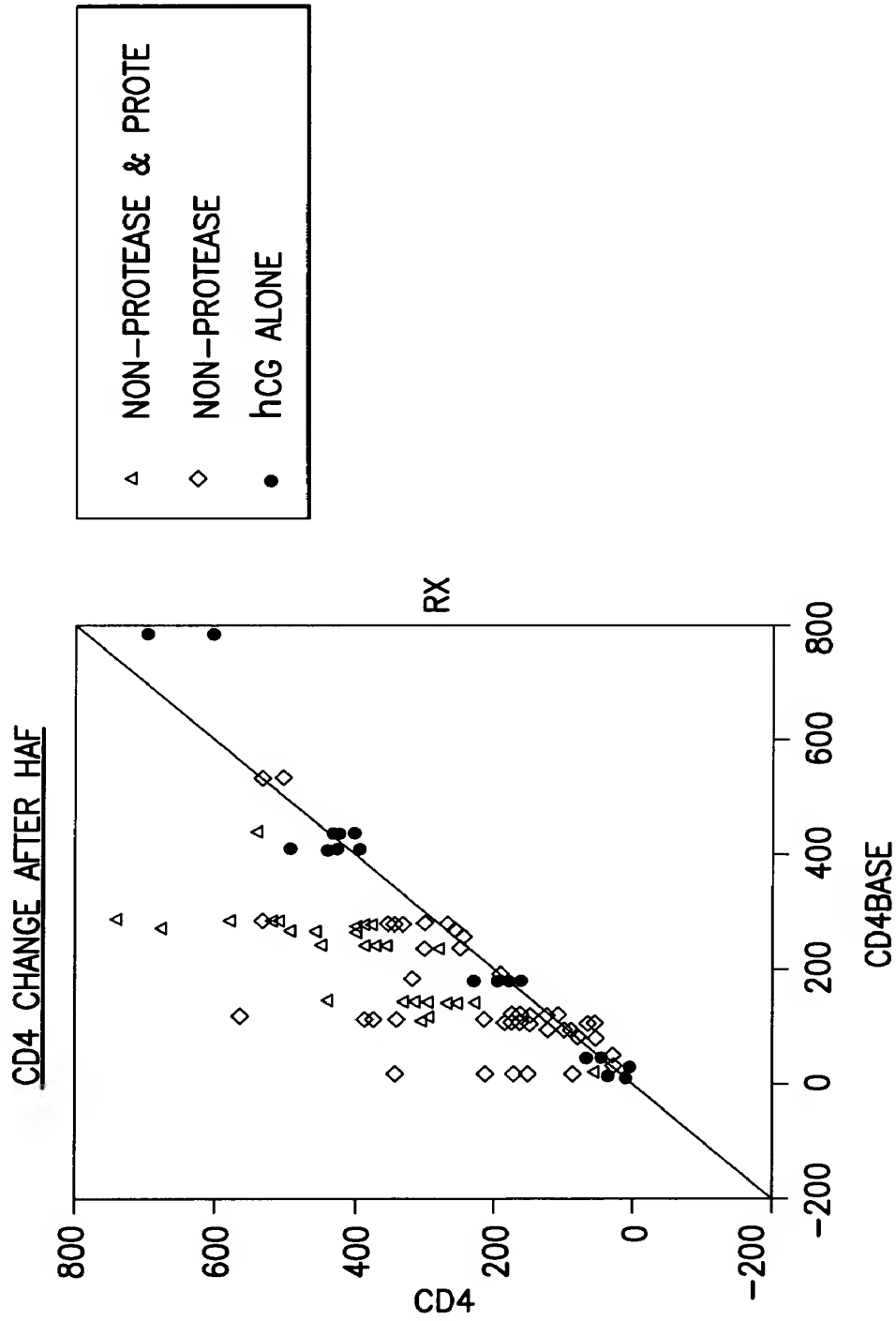
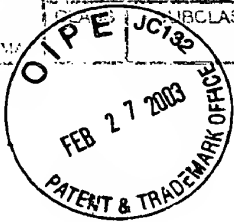


FIG.15B



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VIRAL LOAD VERSUS HAF DOSE

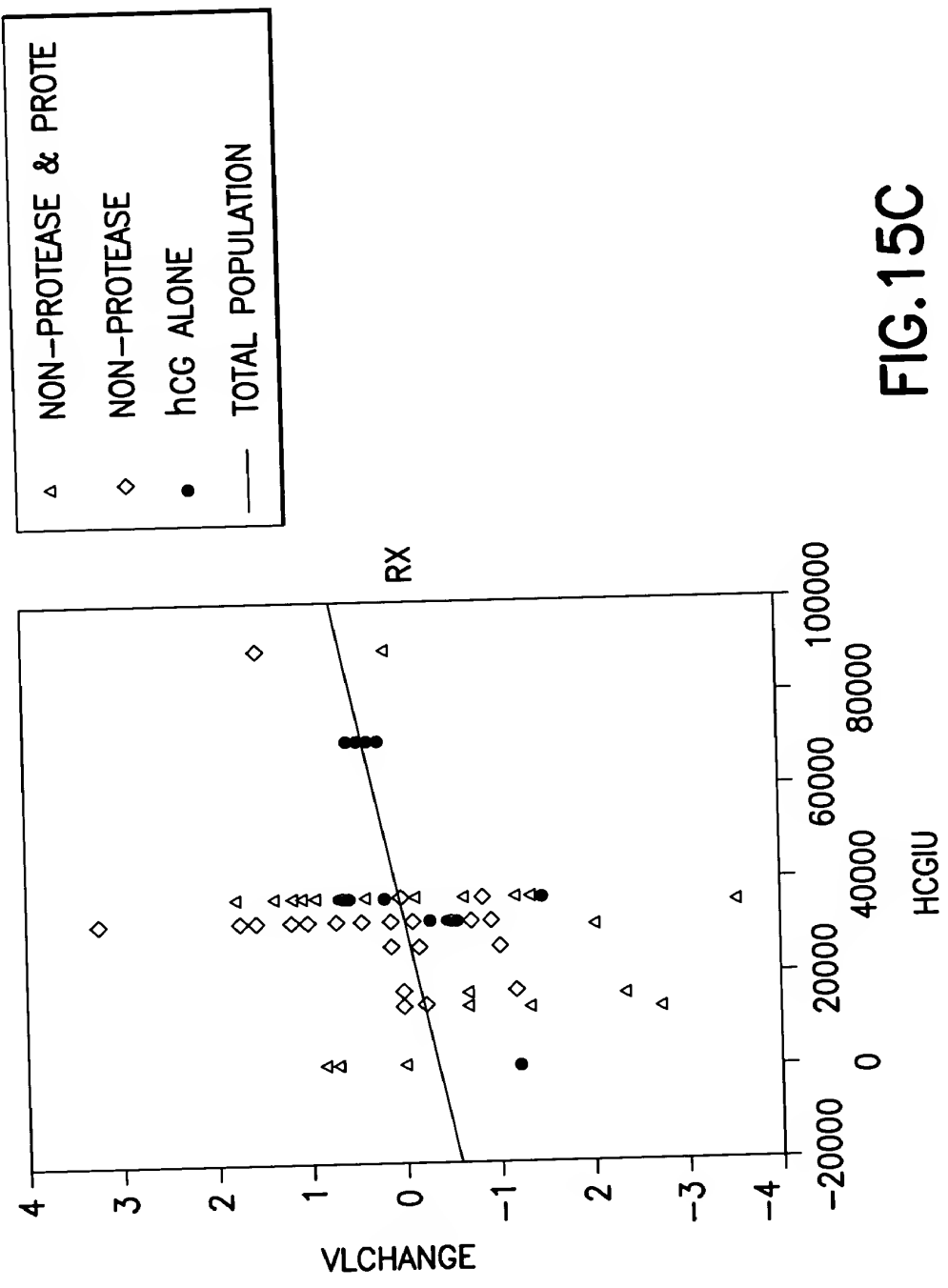
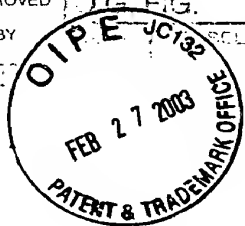


FIG.15C



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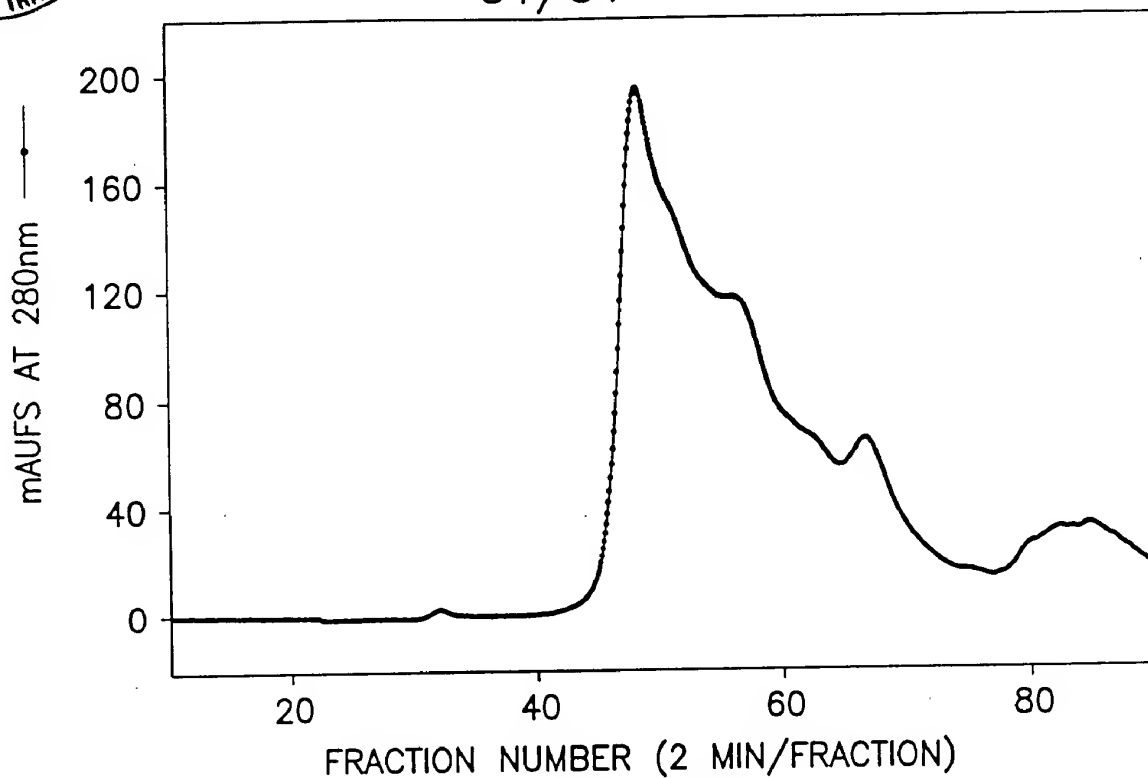


FIG.16A

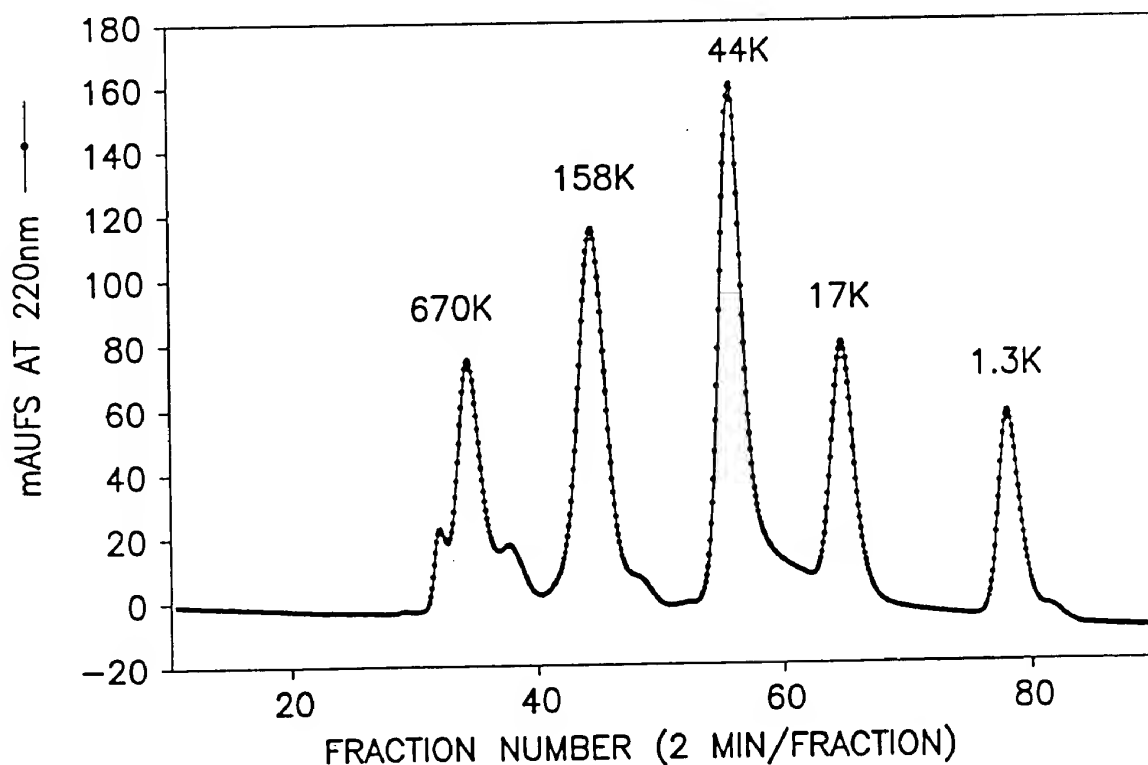


FIG.16B

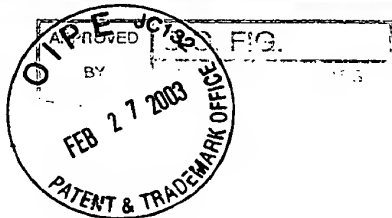
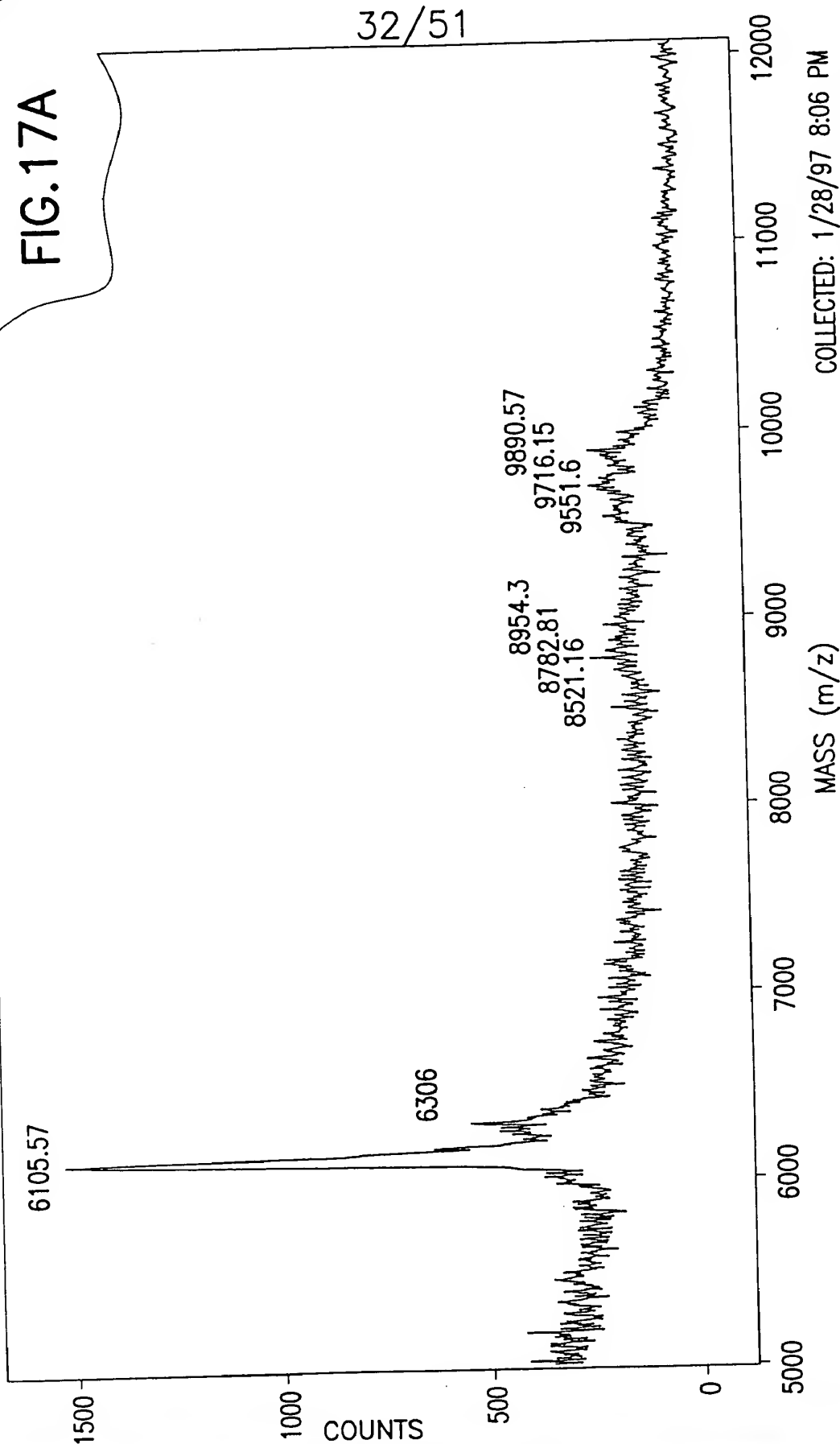


FIG.17A



COLLECTED: 1/28/97 8:06 PM

MIRROR RATIO: 1.060
PSD MIRROR RATIO:
TIMED ION SELECTOR: 15.5 OFF
NEGATIVE IONS: OFF

LASER: 2600
SCANS AVERAGED: 52
PRESSURE: 4.64e-07
LOW MASS GATE: 500.0

ACCELERATING VOLTAGE: 25000
GRID VOLTAGE: 88.000 %
GUIDE WIRE VOLTAGE: 0.200 %
DELAY: 300 ON

METHOD: PRO60K_L
MODE: LINEAR

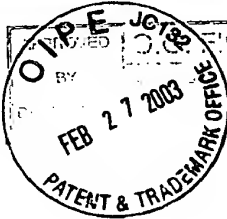
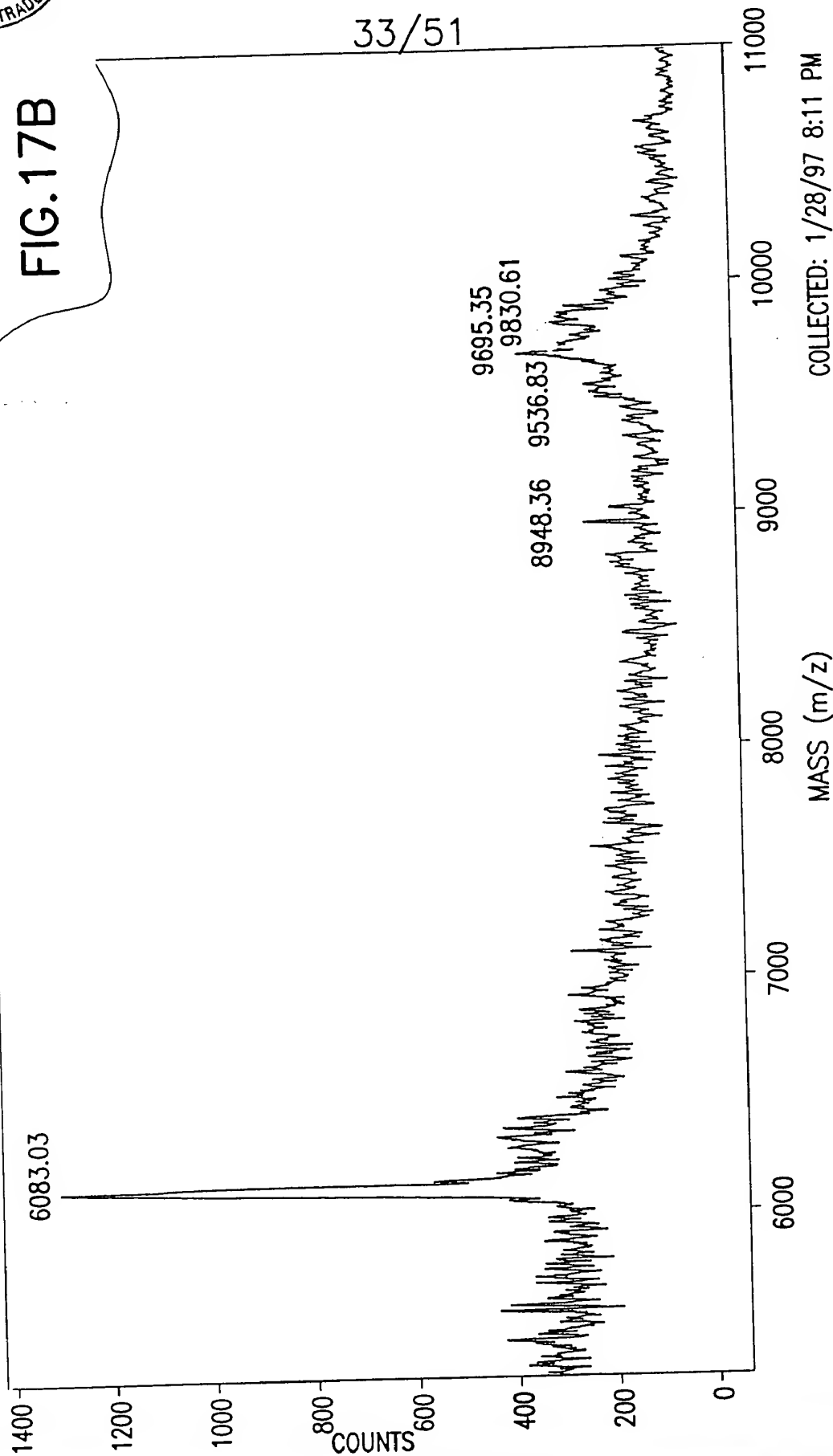


FIG.17B



COLLECTED: 1/28/97 8:11 PM

MIRROR RATIO: 1.060
PSD MIRROR RATIO:
TIMED ION SELECTOR: 15.5 OFF
NEGATIVE IONS: OFF

LASER: 2700
SCANS AVERAGED: 90
PRESSURE: 3.40e-07
LOW MASS GATE: 500.0

ACCELERATING VOLTAGE: 25000
GRID VOLTAGE: 88.000 %
GUIDE WIRE VOLTAGE: 0.200 %
DELAY: 300 ON

METHOD: PRO60K_L
MODE: LINEAR

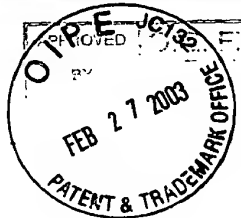
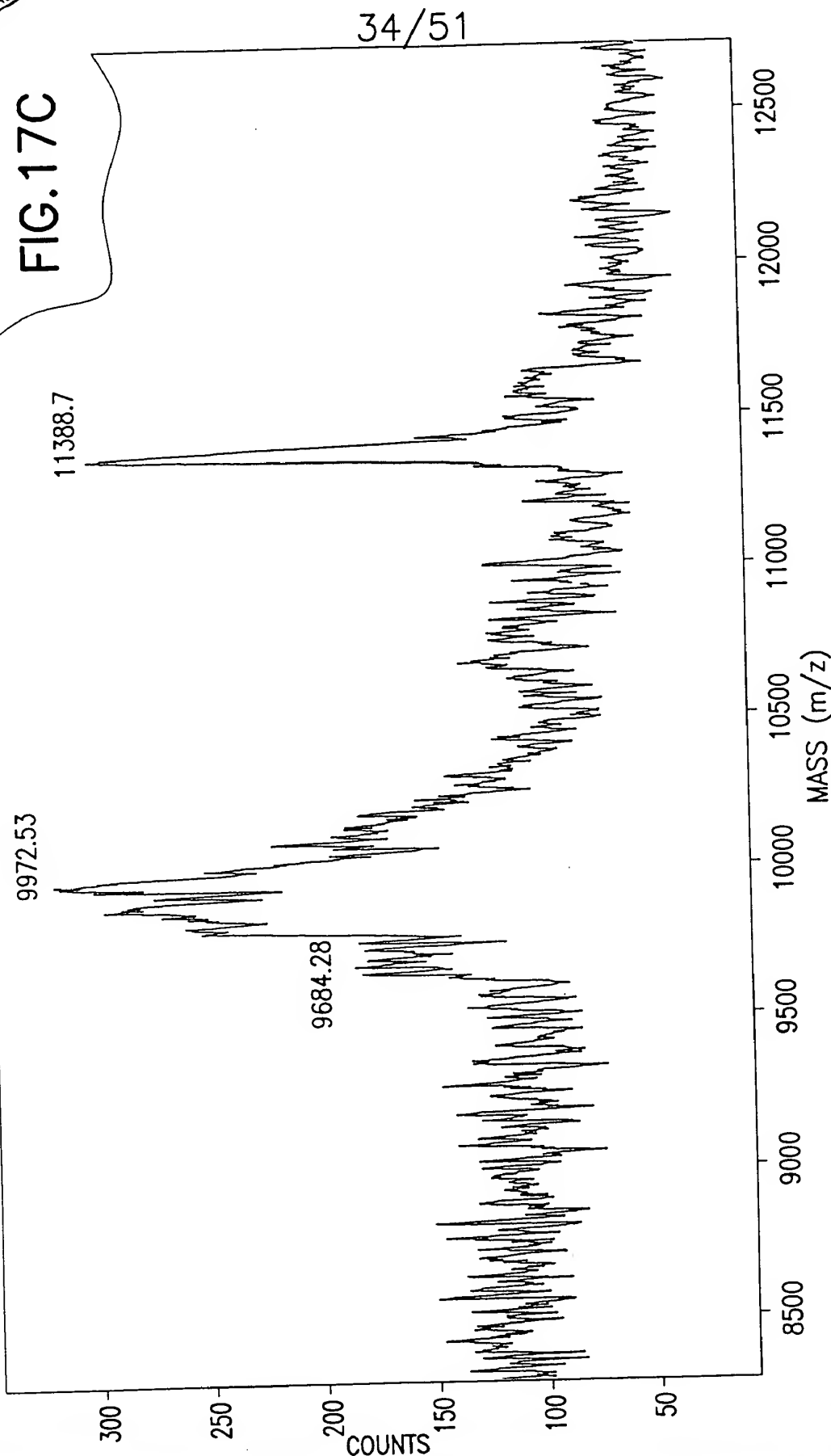


FIG.17C



METHOD: PRO60K_L	ACCELERATING VOLTAGE: 25000	LASER: 2408	MIRROR RATIO: 1.060
MODE: LINEAR	GRID VOLTAGE: 88.000 %	SCANS AVERAGED: 125	PSD MIRROR RATIO:
	GUIDE WIRE VOLTAGE: 0.200 %	PRESSURE: 3.12e-07	TIMED ION SELECTOR: 15.5 OFF
	DELAY: 300 ON	LOW MASS GATE: 500.0	NEGATIVE IONS: OFF

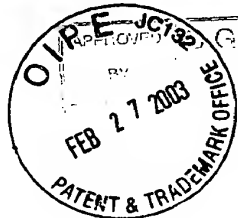
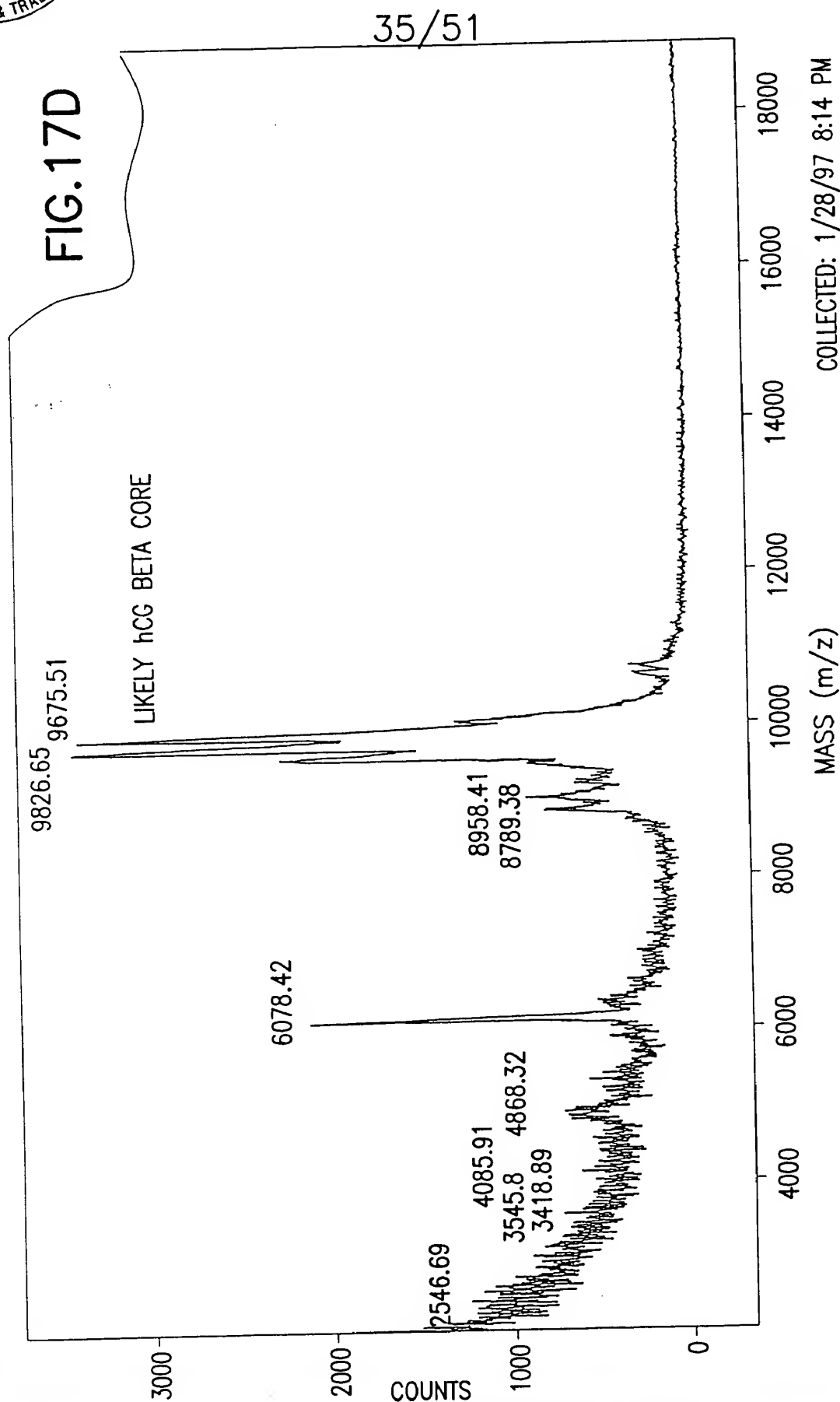


FIG.17D



METHOD: PRO60K_L
MODE: LINEAR

ACCELERATING VOLTAGE: 25000
GRID VOLTAGE: 88.000 %
GUIDE WIRE VOLTAGE: 0.200 %
DELAY: 300 ON

LASER: 2700
SCANS AVERAGED: 57
PRESSURE: 3.02e-07
LOW MASS GATE: 500.0

MIRROR RATIO: 1.060
PSD MIRROR RATIO:
TIMED ION SELECTOR: 15.5 OFF
NEGATIVE IONS: OFF

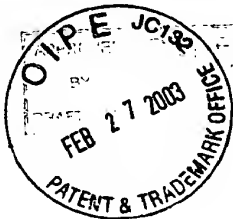
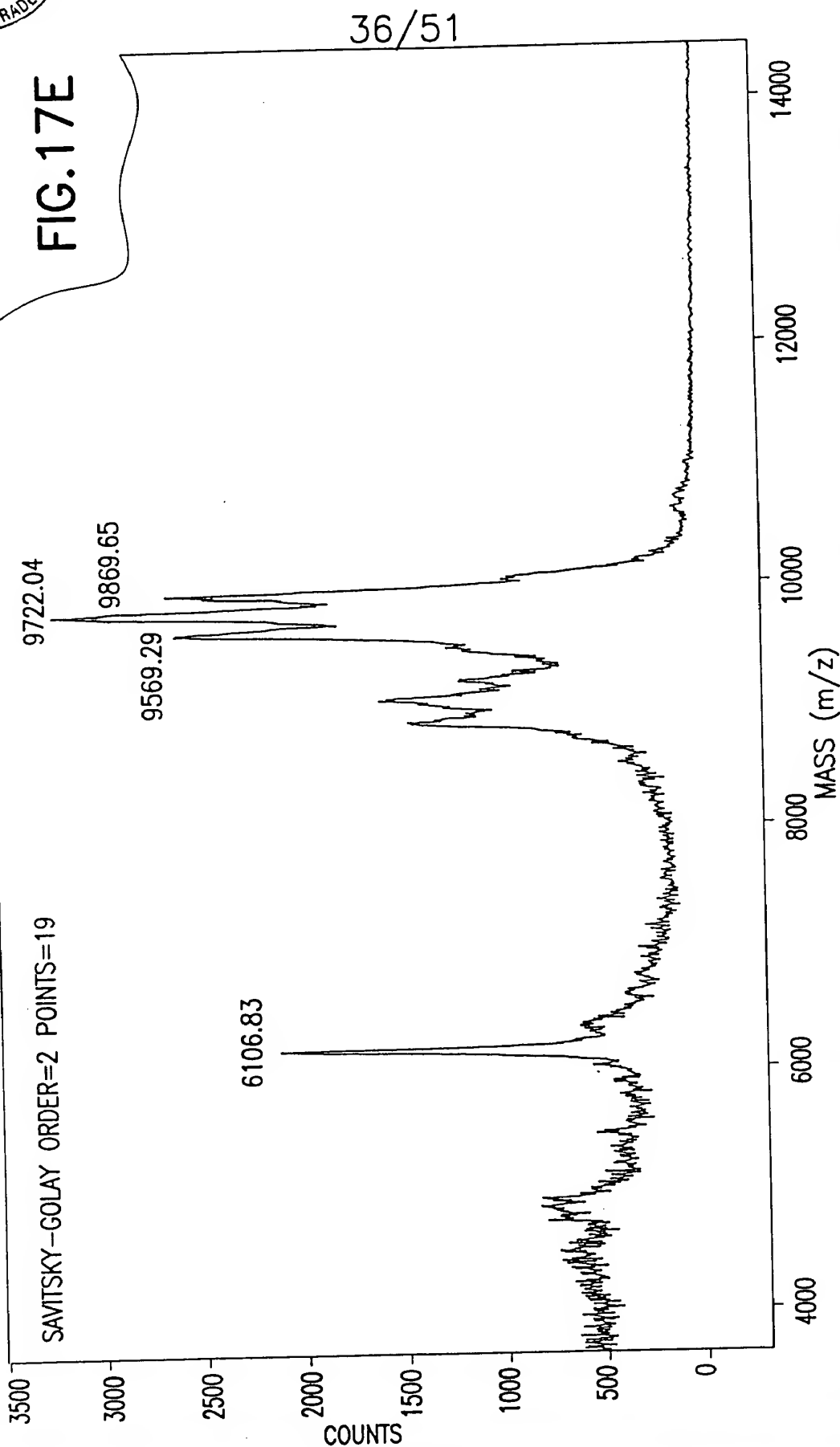


FIG.17E



METHOD: PRO60K_L
MODE: LINEAR

ACCELERATING VOLTAGE: 25000
GRID VOLTAGE: 88.000 %
GUIDE WIRE VOLTAGE: 0.200 %
DELAY: 300 ON

LASER: 2700
SCANS AVERAGED: 45
PRESSURE: 2.87e-07
LOW MASS GATE: 500.0

MIRROR RATIO: 1.060
PSD MIRROR RATIO:
TIMED ION SELECTOR: 15.5 OFF
NEGATIVE IONS: OFF



FIG.18A

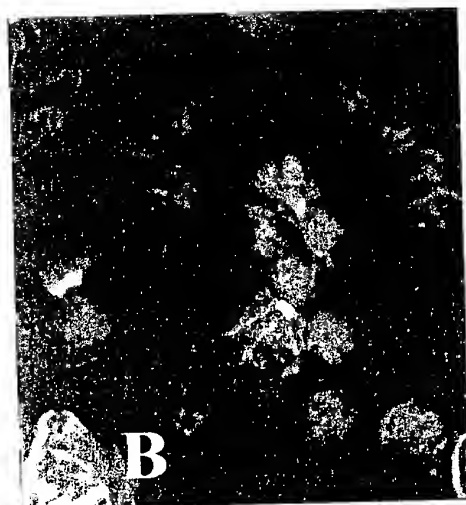


FIG.18B

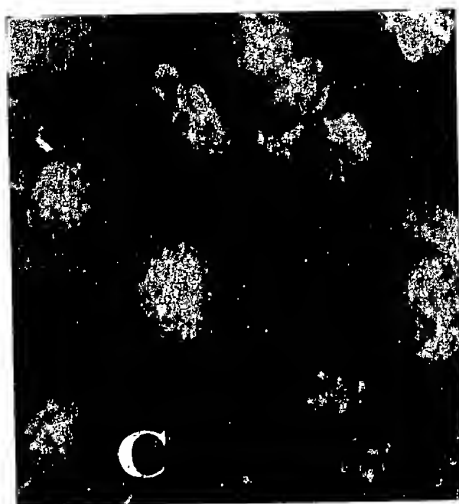


FIG.18C

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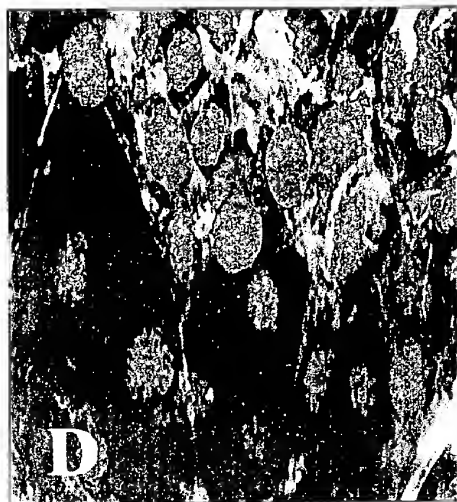


FIG.18D



FIG.18E



FIG.18F

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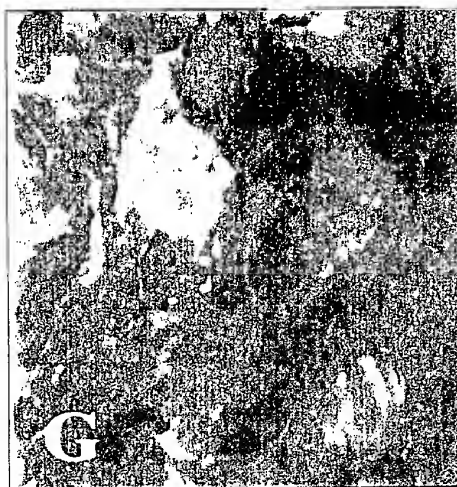


FIG. 18G

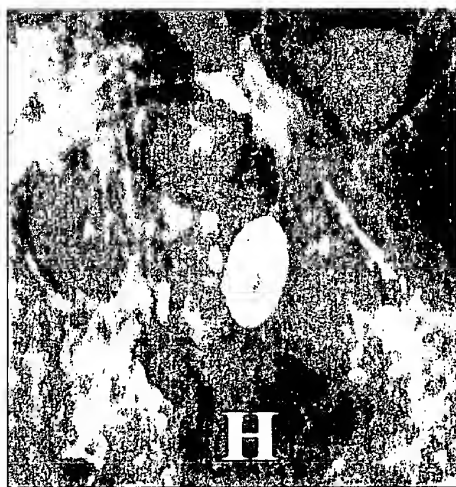
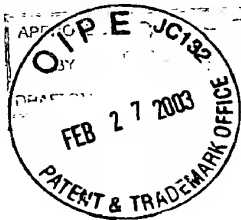
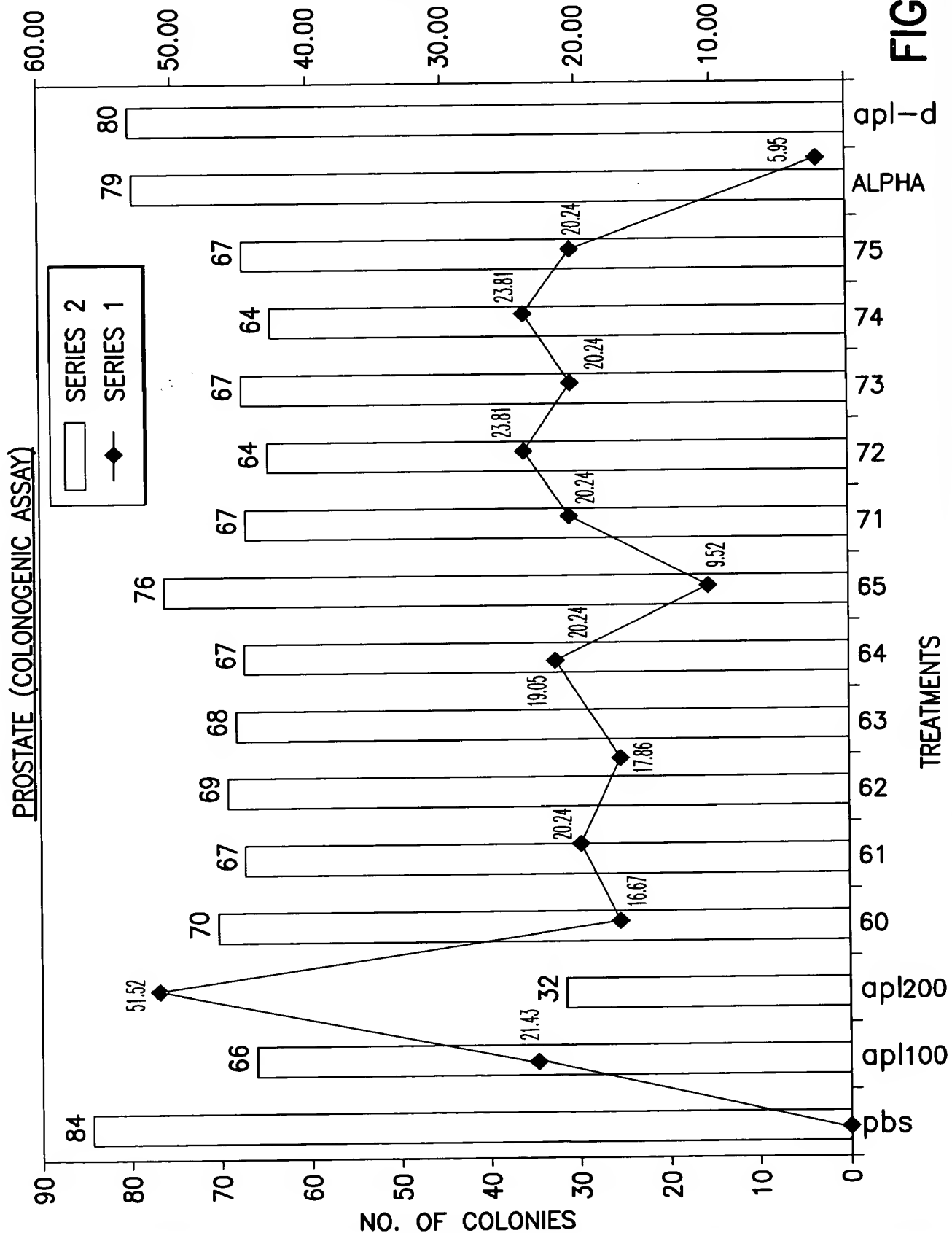


FIG. 18H



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INHIBITION IN %

FIG.19



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FIG. 20A



FIG. 20B

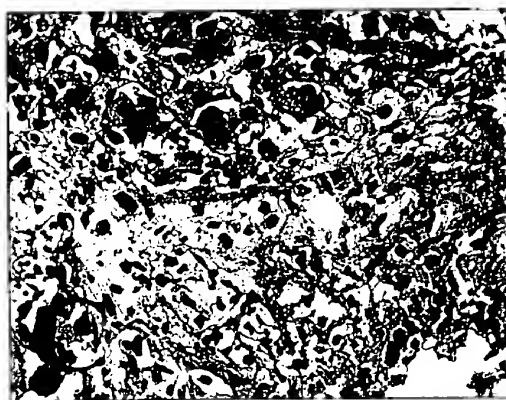


FIG. 20C



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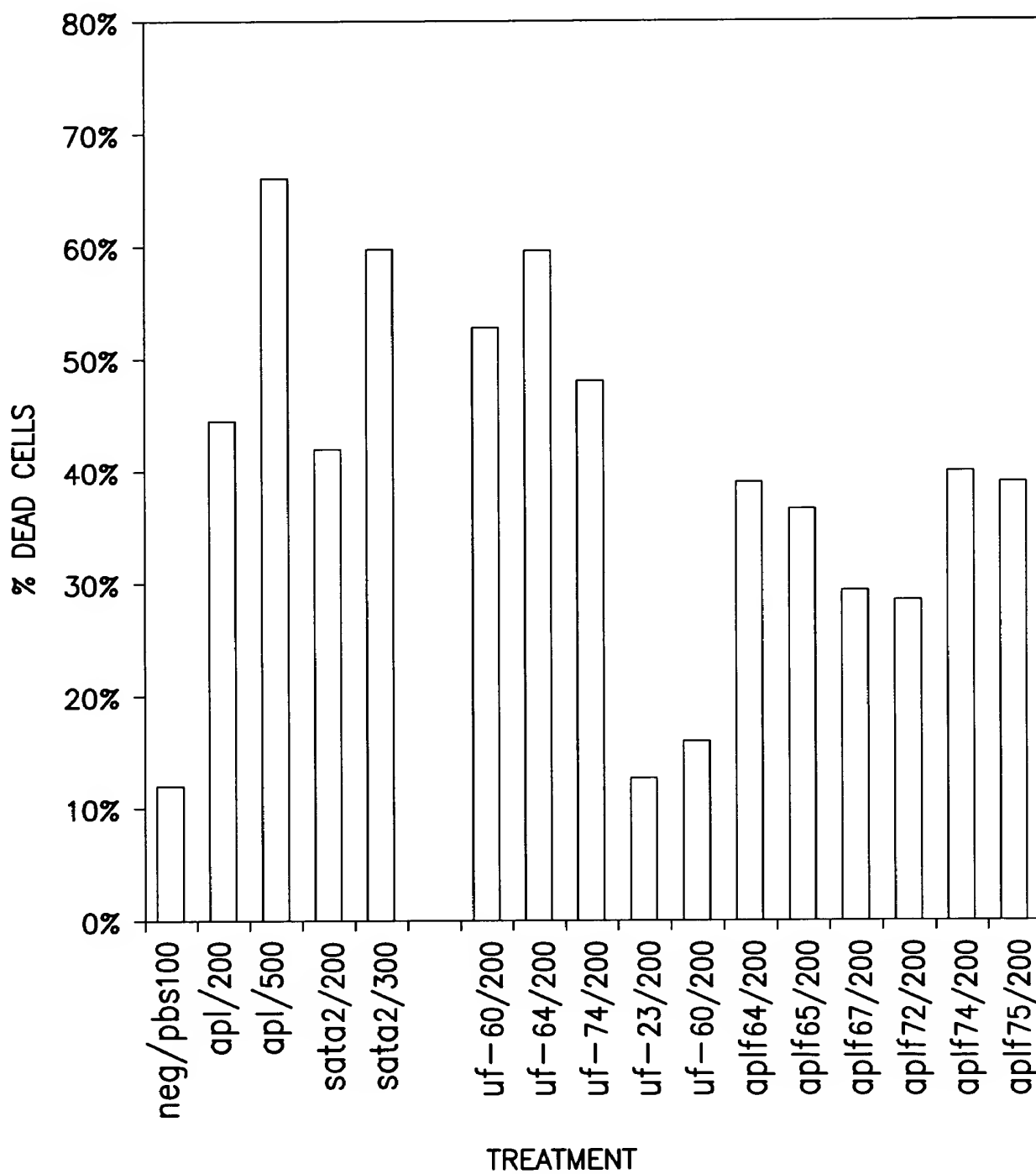


FIG.21



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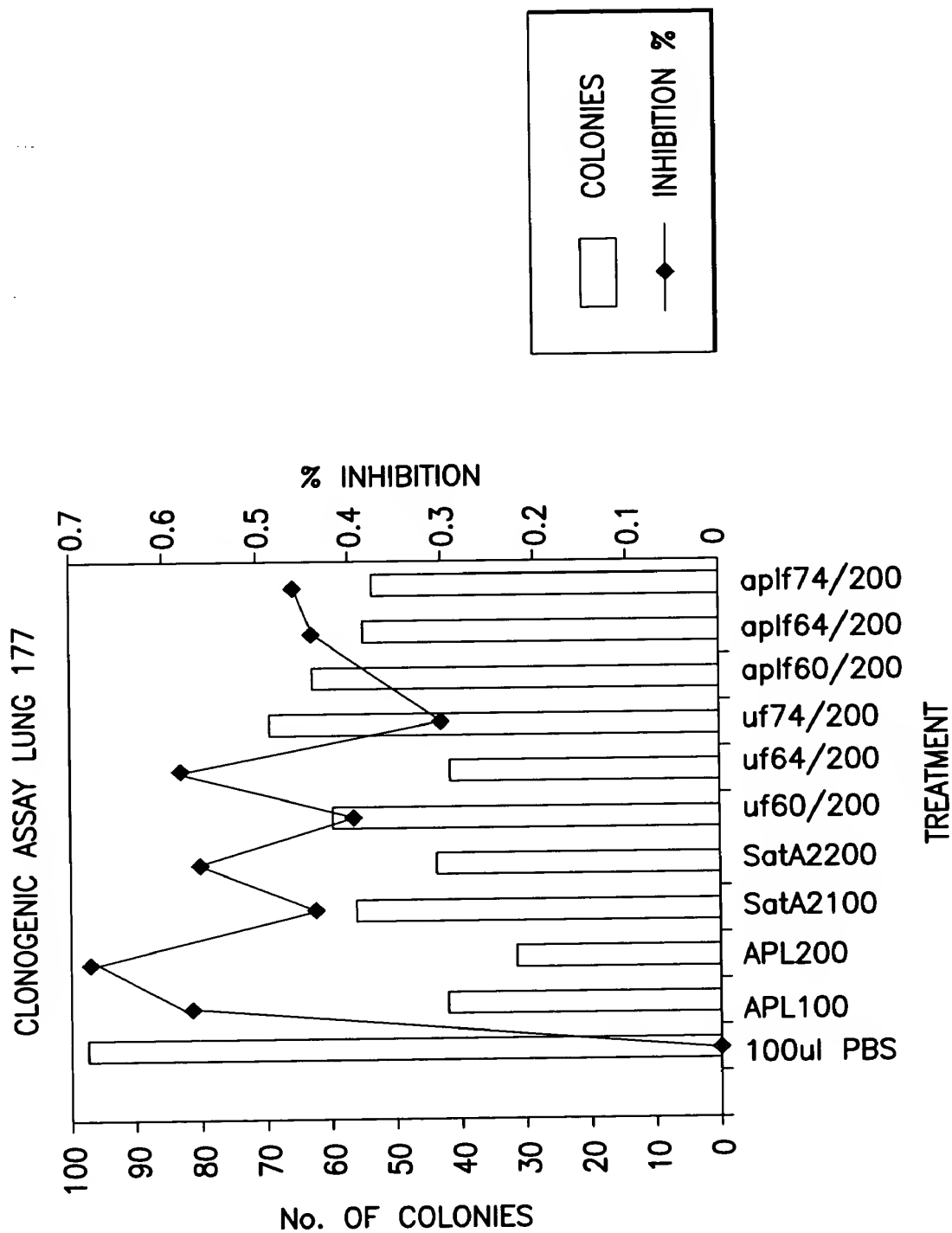
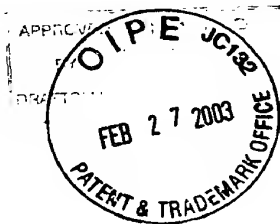


FIG.22A



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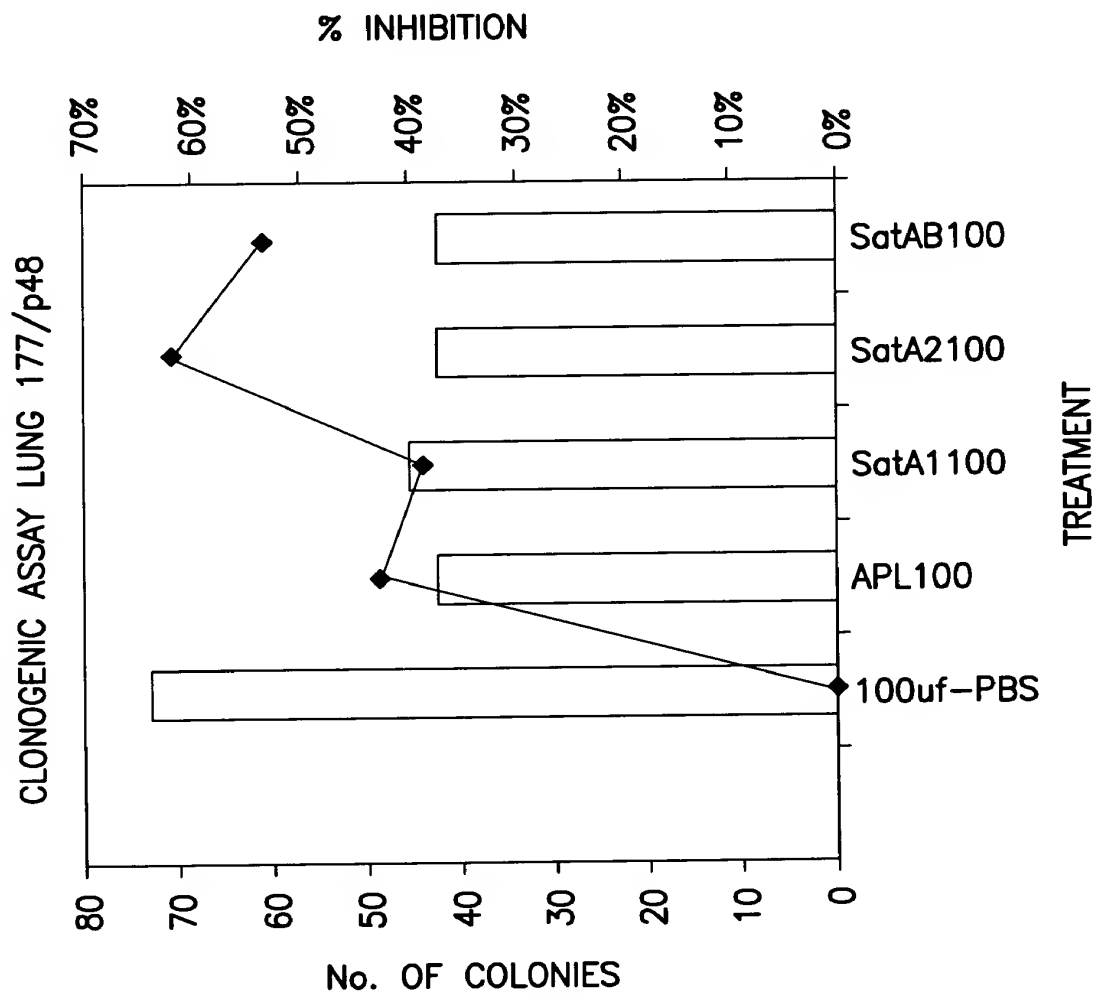
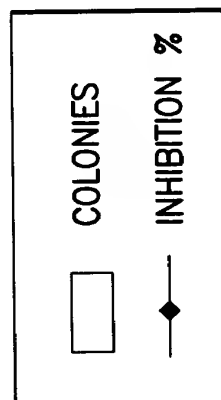


FIG.22B



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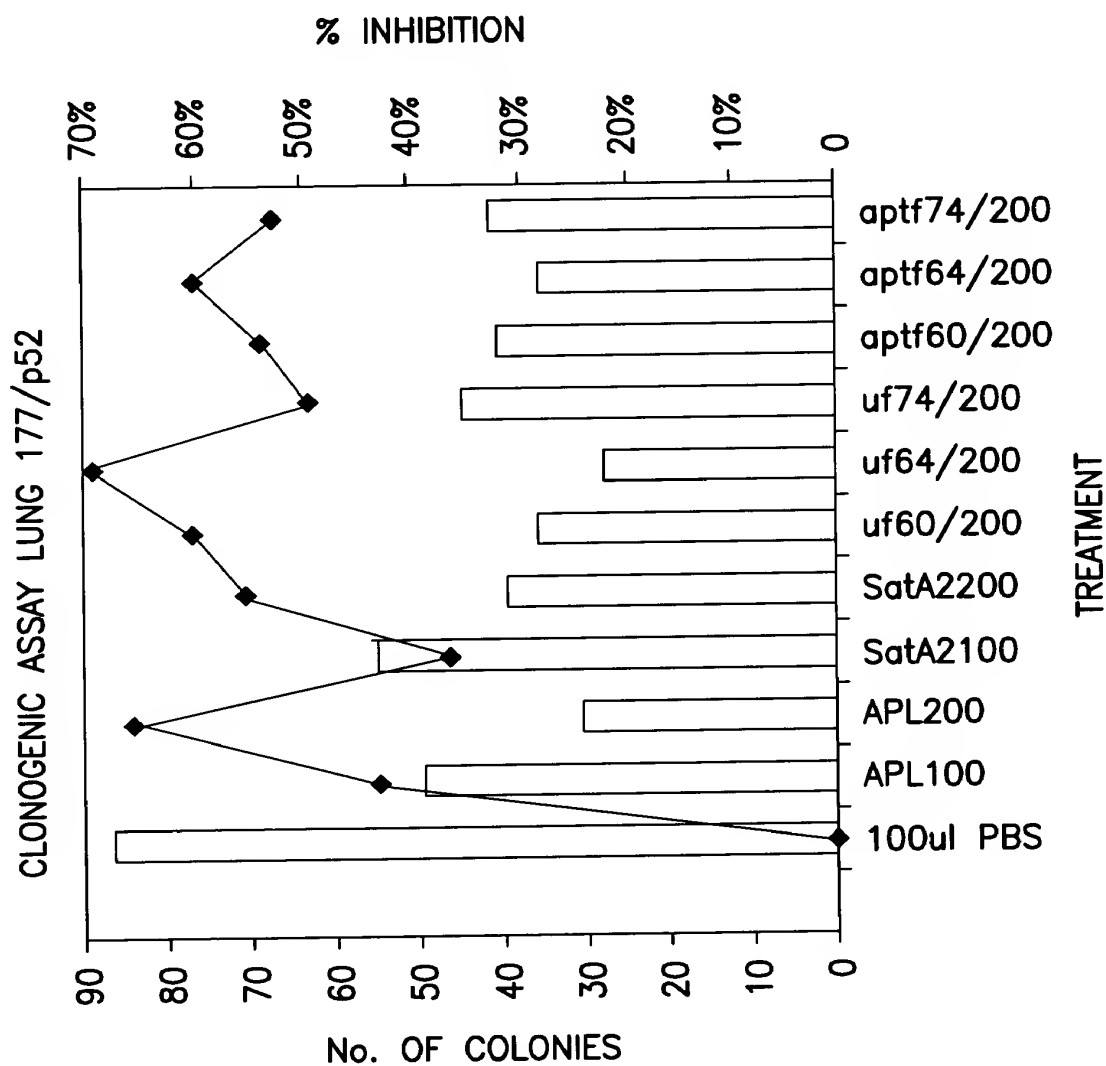


FIG.22C

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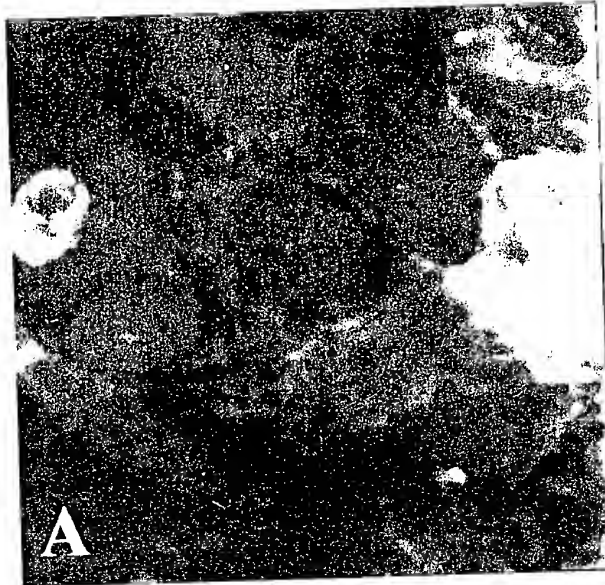


FIG.23A

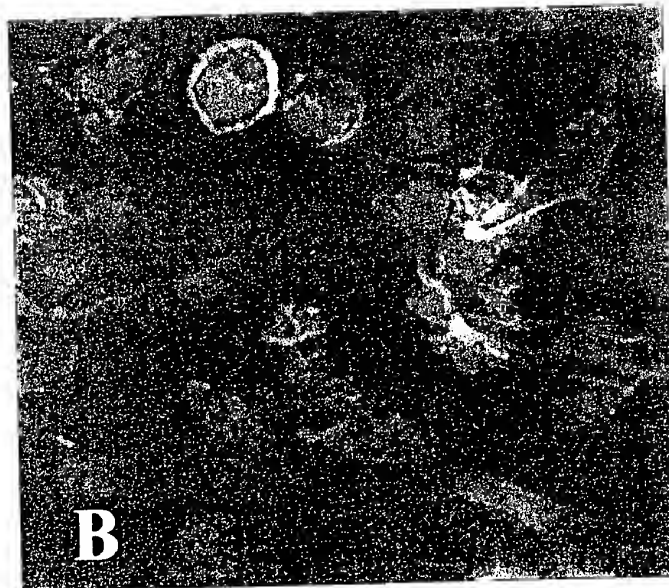


FIG.23B

APPROVED

FIG.

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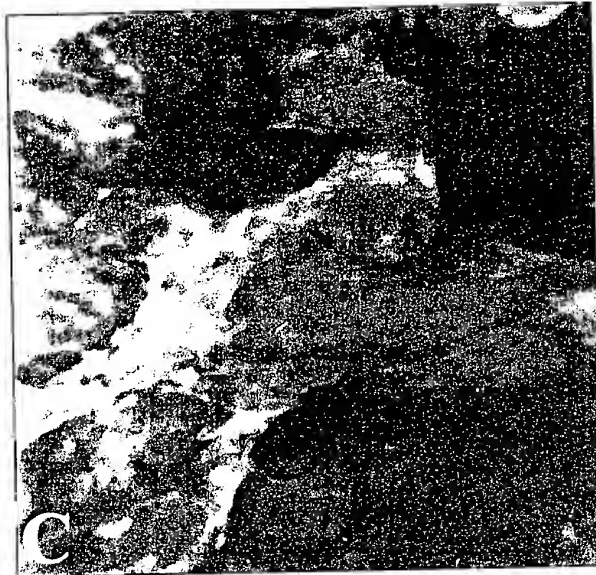


FIG.23C



FIG.23D

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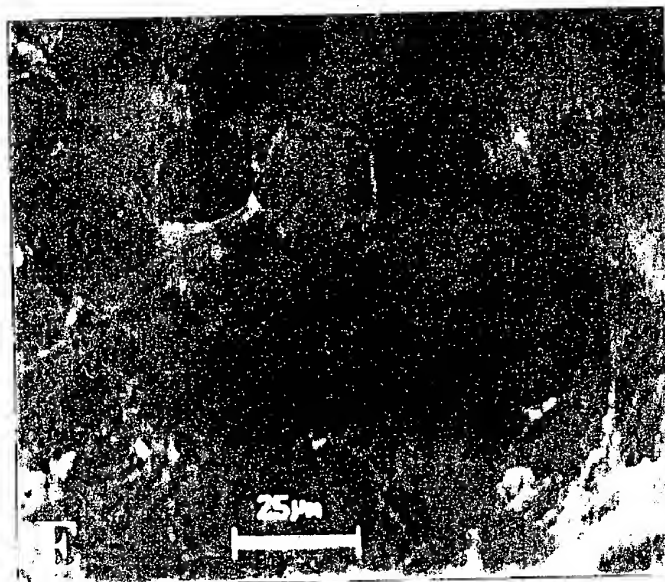


FIG. 23E

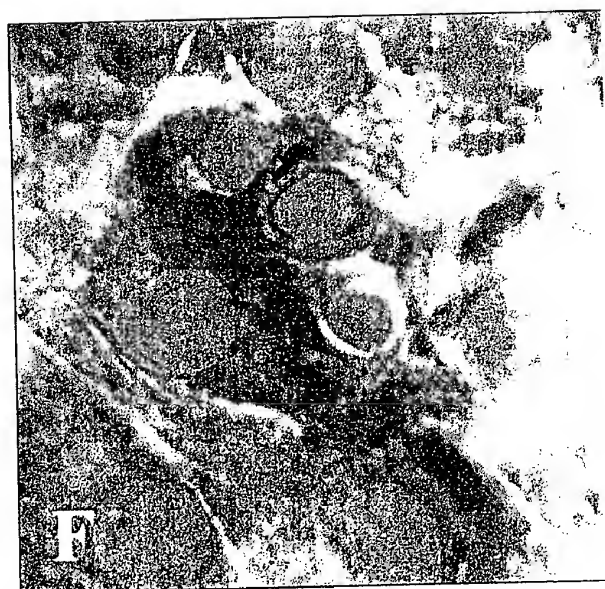


FIG. 23F

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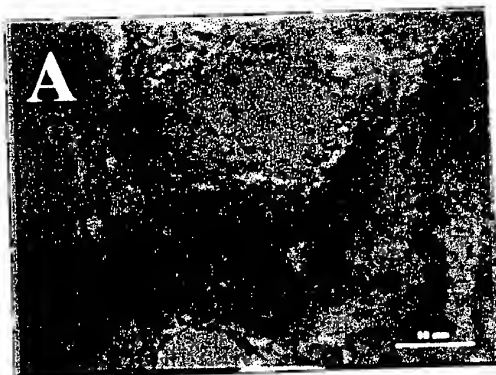


FIG.24A

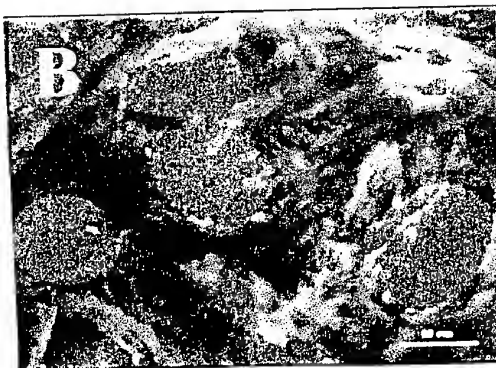


FIG.24B

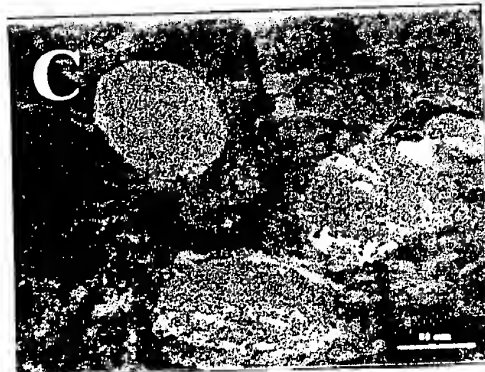


FIG.24C

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS

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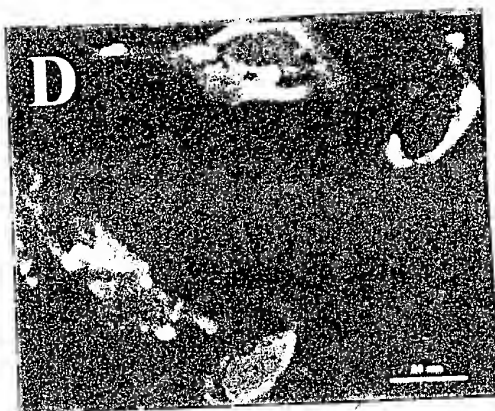


FIG.24D

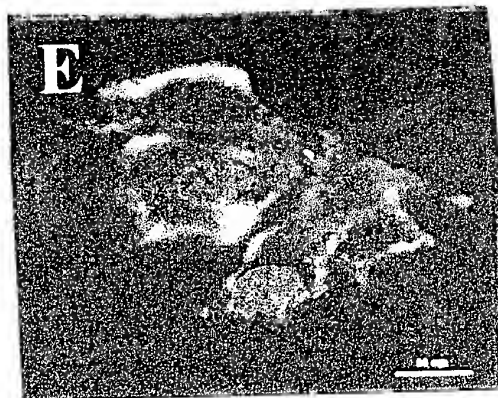


FIG.24E



FIG 24F

APPROVED	O.G. FIG.	
CLASS	SUBCLASS	

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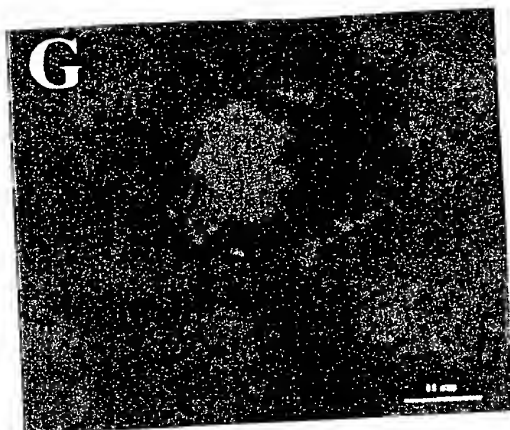


FIG. 24G



FIG. 24H



FIG. 24I